☐ **Individual Animal Data on Body Weights and Body Weight Gains**
個別試驗動物體重及體重變化數據

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)
大鼠 28 天口服重覆劑量(亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Body Weights
個別試驗動物體重數據

Project Code: DV-TA00199 Study No.: SA00032
Species/Strain: Rats/SD Sex: Male

組別 Group	動物編號 Animal ID	劑量(Dose) ml/kg/day	Body Weight (g) SD 1	SD 8	SD 15	SD 22	SD 28
1	1010261005	0	205	263	325	380	422
	1010261023	0	199	258	318	375	405
	1010261017	0	218	291	348	397	437
	1010261029	0	213	284	353	412	456
	1010261022	0	227	297	361	401	440
	1010261034	0	228	294	355	404	440
	1010261027	0	245	322	383	428	461
	1010261035	0	245	314	371	418	453
	1010261015	0	246	314	383	442	483
	1010261041	0	235	302	356	399	436
	N		10	10	10	10	10
	Mean		226.1	293.9	355.3	405.6	443.3
	SD		17.0	21.1	21.6	20.4	21.6
	SEM		5.4	6.7	6.8	6.5	6.8
2	1010261024	1.5	199	263	325	378	416
	1010261044	1.5	202	273	338	388	430
	1010261003	1.5	220	283	347	394	420
	1010261028	1.5	213	280	342	388	426
	1010261016	1.5	229	302	367	421	461
	1010261037	1.5	230	301	359	425	469
	1010261010	1.5	230	308	370	423	460
	1010261046	1.5	232	303	350	386	418
	1010261047	1.5	232	328	401	455	492
	1010261049	1.5	229	333	402	458	500
	N		10	10	10	10	10
	Mean		221.6	297.4	360.1	411.6	449.2
	SD		12.6	22.8	25.6	29.1	31.4
	SEM		4.0	7.2	8.1	9.2	9.9

Prepared by : Yu-Mei Chen Mar 25. 2002 Checked by : Tan-Fu Tuen Mar. 25, 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)
大鼠 28 天口服重覆劑量(亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Body Weights
個別試驗動物體重數據

Project Code: DV-TA00199 Study No.: SA00032
Species/Strain: Rats/SD Sex: Male

組別 Group	動物編號 Animal ID	劑量(Dose) ml/kg/day	Body Weight (g) SD 1	SD 8	SD 15	SD 22	SD 28
3	1010261020	5	199	261	321	367	402
	1010261030	5	210	277	330	378	414
	1010261001	5	218	289	346	392	422
	1010261042	5	223	294	356	400	430
	1010261002	5	232	296	350	392	424
	1010261013	5	233	306	370	419	465
	1010261026	5	252	335	406	468	514
	1010261031	5	236	304	361	407	431
	1010261011	5	220	301	356	381	410
	1010261019	5	234	313	369	416	451
	N		10	10	10	10	10
	Mean		225.7	297.6	356.5	402.0	436.3
	SD		15.0	20.0	23.4	28.5	33.1
	SEM		4.7	6.3	7.4	9.0	10.5
4	1010261004	15	198	262	319	356	390
	1010261050	15	201	276	344	395	445
	1010261045	15	220	295	367	415	464
	1010261048	15	215	283	301	329	365
	1010261038	15	232	297	354	399	435
	1010261043	15	227	296	336	386	427
	1010261007	15	235	309	362	422	460
	1010261021	15	237	310	375	431	470
	1010261012	15	249	325	396	442	480
	1010261040	15	246	306	364	396	422
	N		10	10	10	10	10
	Mean		226.0	295.9	351.8	397.1	435.8
	SD		17.4	18.4	27.8	34.3	36.5
	SEM		5.5	5.8	8.8	10.8	11.5

Prepared by : Yu-Mei Chen Mar 25, 2002 Checked by : Tan-Fu Yuen Mar. 25, 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)
大鼠 28 天口服重覆劑量(亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Body Weights
個別試驗動物體重數據

Project Code: DV-TA00199 Study No.: SA00032
Species/Strain: Rats/SD Sex: Female

組別 Group	動物編號 Animal ID	劑量(Dose) ml/kg/day	Body Weight (g) SD 1	SD 8	SD 15	SD 22	SD 28
1	1010260035	0	180	204	240	243	269
	1010260046	0	164	195	219	238	260
	1010260004	0	178	208	236	252	258
	1010260034	0	186	226	248	270	289
	1010260038	0	176	233	262	277	307
	1010260042	0	176	225	233	274	293
	1010260015	0	178	229	228	243	271
	1010260031	0	192	213	244	281	284
	1010260013	0	181	224	247	255	285
	1010260045	0	182	226	244	258	276
	N		10	10	10	10	10
	Mean		179.3	218.3	240.1	259.1	279.2
	SD		7.3	12.5	11.9	15.5	15.3
	SEM		2.3	4.0	3.8	4.9	4.8
2	1010260019	1.5	161	208	227	250	263
	1010260026	1.5	157	214	237	246	273
	1010260008	1.5	166	217	238	268	274
	1010260027	1.5	162	204	227	243	256
	1010260040	1.5	167	202	219	229	237
	1010260041	1.5	173	209	223	251	263
	1010260020	1.5	185	215	228	253	264
	1010260036	1.5	192	216	239	267	275
	1010260025	1.5	186	236	253	263	277
	1010260033	1.5	190	228	261	278	293
	N		10	10	10	10	10
	Mean		173.9	214.9	235.2	254.8	267.5
	SD		13.2	10.5	13.4	14.3	14.8
	SEM		4.2	3.3	4.2	4.5	4.7

Prepared by : Yu-Ma. Chen Mar. 25. 2002 Checked by : Tan-Fu Yuen Mar. 25, 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)
大鼠 28 天口服重覆劑量(亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Body Weights
個別試驗動物體重數據

Project Code: DV-TA00199 Study No.: SA00032
Species/Strain: Rats/SD Sex: Female

組別 Group	動物編號 Animal ID	劑量(Dose) ml/kg/day	Body Weight (g) SD 1	SD 8	SD 15	SD 22	SD 28
3	1010260009	5	164	201	226	253	271
	1010260044	5	165	207	232	245	264
	1010260029	5	182	215	237	247	261
	1010260043	5	166	202	218	235	240
	1010260016	5	183	203	229	270	267
	1010260021	5	180	206	225	253	261
	1010260006	5	172	224	249	264	272
	1010260023	5	179	230	255	282	289
	1010260014	5	178	256	269	255	278
	1010260049	5	185	219	263	267	286
	N		10	10	10	10	10
	Mean		175.4	216.3	240.3	257.1	268.9
	SD		8.0	17.1	17.6	13.8	14.1
	SEM		2.5	5.4	5.6	4.4	4.4
4	1010260010	15	166	213	237	258	279
	1010260017	15	178	206	239	252	273
	1010260011	15	184	206	229	239	248
	1010260030	15	171	189	196	214	222
	1010260012	15	177	197	194	223	224
	1010260050	15	187	218	235	259	270
	1010260024	15	177	212	226	235	245
	1010260037	15	181	228	235	254	266
	1010260001	15	186	251	281	294	311
	1010260003	15	180	230	252	272	282
	N		10	10	10	10	10
	Mean		178.7	215.0	232.4	250.0	262.0
	SD		6.5	17.9	25.1	23.5	27.5
	SEM		2.1	5.7	7.9	7.4	8.7

Prepared by : Yu-Mei Chen Mar. 25, 2002

Checked by : Tan-Fu Yuen Mar. 25, 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)
大鼠 28 天口服重覆劑量 (亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Body Weight Gains
個別試驗動物體重變化數據

Project Code: DV-TA00199 Study No.: SA00032
Species/Strain: Rats/SD Sex: Male

組別 Group	動物編號 Animal ID	劑量(Dose) ml/kg/day	Body Weight Gains (g) SD 1	SD (8-1)	SD (15-1)	SD (22-1)	SD (28-1)
1	1010261005	0	205	58	120	175	217
	1010261023	0	199	59	119	176	206
	1010261017	0	218	73	130	179	219
	1010261029	0	213	71	140	199	243
	1010261022	0	227	70	134	174	213
	1010261034	0	228	66	127	176	212
	1010261027	0	245	77	138	183	216
	1010261035	0	245	69	126	173	208
	1010261015	0	246	68	137	196	237
	1010261041	0	235	67	121	164	201
	N		10	10	10	10	10
	Mean		226.1	67.8	129.2	179.5	217.2
	SD		17.0	5.8	7.8	10.7	13.2
	SEM		5.4	1.8	2.5	3.4	4.2
2	1010261024	1.5	199	64	126	179	217
	1010261044	1.5	202	71	136	186	228
	1010261003	1.5	220	63	127	174	200
	1010261028	1.5	213	67	129	175	213
	1010261016	1.5	229	73	138	192	232
	1010261037	1.5	230	71	129	195	239
	1010261010	1.5	230	78	140	193	230
	1010261046	1.5	232	71	118	154	186
	1010261047	1.5	232	96	169	223	260
	1010261049	1.5	229	104	173	229	271
	N		10	10	10	10	10
	Mean		221.6	75.8	138.5	190.0	227.6
	SD		12.6	13.6	18.3	22.5	25.6
	SEM		4.0	4.3	5.8	7.1	8.1

Prepared by: Yu-Mei Chen Mar. 25, 2002 Checked by: Tan-Fu Yuen Mar. 25, 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)
大鼠 28 天口服重覆劑量 (亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Body Weight Gains
個別試驗動物體重變化數據

Project Code: DV-TA00199 Study No.: SA00032
Species/Strain: Rats/SD Sex: Male

組別 Group	動物編號 Animal ID	劑量(Dose) ml/kg/day	Body Weight Gains (g) SD 1	SD (8-1)	SD (15-1)	SD (22-1)	SD (28-1)
3	1010261020	5	199	62	122	168	203
	1010261030	5	210	67	120	168	204
	1010261001	5	218	71	128	174	204
	1010261042	5	223	71	133	177	207
	1010261002	5	232	64	118	160	192
	1010261013	5	233	73	137	186	232
	1010261026	5	252	83	154	216	262
	1010261031	5	236	68	125	171	195
	1010261011	5	220	81	136	161	190
	1010261019	5	234	79	135	182	217
	N		10	10	10	10	10
	Mean		225.7	71.9	130.8	176.3	210.6
	SD		15.0	7.1	10.7	16.2	21.9
	SEM		4.7	2.3	3.4	5.1	6.9
4	1010261004	15	198	64	121	158	192
	1010261050	15	201	75	143	194	244
	1010261045	15	220	75	147	195	244
	1010261048	15	215	68	86	114	150
	1010261038	15	232	65	122	167	203
	1010261043	15	227	69	109	159	200
	1010261007	15	235	74	127	187	225
	1010261021	15	237	73	138	194	233
	1010261012	15	249	76	147	193	231
	1010261040	15	246	60	118	150	176
	N		10	10	10	10	10
	Mean		226.0	69.9	125.8	171.1	209.8
	SD		17.4	5.5	19.2	26.7	31.2
	SEM		5.5	1.8	6.1	8.4	9.9

Prepared by : Yu-Ma Chen Mar. 25, 2002

Checked by : Tan-Fu Yuen Mar. 25, 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)
大鼠 28 天口服重覆劑量(亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Body Weight Gains
個別試驗動物體重變化數據

Project Code: DV-TA00199 Study No.: SA00032
Species/Strain: Rats/SD Sex: Female

組別 Group	動物編號 Animal ID	劑量(Dose) ml/kg/day	Body Weight Gains (g) SD 1	SD (8-1)	SD (15-1)	SD (22-1)	SD (28-1)
1	1010260035	0	180	24	60	63	89
	1010260046	0	164	31	55	74	96
	1010260004	0	178	30	58	74	80
	1010260034	0	186	40	62	84	103
	1010260038	0	176	57	86	101	131
	1010260042	0	176	49	57	98	117
	1010260015	0	178	51	50	65	93
	1010260031	0	192	21	52	89	92
	1010260013	0	181	43	66	74	104
	1010260045	0	182	44	62	76	94
	N		10	10	10	10	10
	Mean		179.3	39.0	60.8	79.8	99.9
	SD		7.3	12.0	10.1	12.9	14.8
	SEM		2.3	3.8	3.2	4.1	4.7
2	1010260019	1.5	161	47	66	89	102
	1010260026	1.5	157	57	80	89	116
	1010260008	1.5	166	51	72	102	108
	1010260027	1.5	162	42	65	81	94
	1010260040	1.5	167	35	52	62	70
	1010260041	1.5	173	36	50	78	90
	1010260020	1.5	185	30	43	68	79
	1010260036	1.5	192	24	47	75	83
	1010260025	1.5	186	50	67	77	91
	1010260033	1.5	190	38	71	88	103
	N		10	10	10	10	10
	Mean		173.9	41.0	61.3	80.9	93.6
	SD		13.2	10.3	12.4	11.6	14.0
	SEM		4.2	3.3	3.9	3.7	4.4

Prepared by: Yu-Nia Chen Mar. 25. 2002 Checked by: Tan-Fu Yuen Mar. 25, 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)
大鼠 28 天口服重覆劑量(亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Body Weight Gains
個別試驗動物體重變化數據

Project Code: DV-TA00199 Study No.: SA00032
Species/Strain: Rats/SD Sex: Female

組別 Group	動物編號 Animal ID	劑量(Dose) ml/kg/day	Body Weight Gains (g) SD 1	SD (8-1)	SD (15-1)	SD (22-1)	SD (28-1)
3	1010260009	5	164	37	62	89	107
	1010260044	5	165	42	67	80	99
	1010260029	5	182	33	55	65	79
	1010260043	5	166	36	52	69	74
	1010260016	5	183	20	46	87	84
	1010260021	5	180	26	45	73	81
	1010260006	5	172	52	77	92	100
	1010260023	5	179	51	76	103	110
	1010260014	5	178	78	91	77	100
	1010260049	5	185	34	78	82	101
	N		10	10	10	10	10
	Mean		175.4	40.9	64.9	81.7	93.5
	SD		8.0	16.4	15.5	11.5	12.7
	SEM		2.5	5.2	4.9	3.6	4.0
4	1010260010	15	166	47	71	92	113
	1010260017	15	178	28	61	74	95
	1010260011	15	184	22	45	55	64
	1010260030	15	171	18	25	43	51
	1010260012	15	177	20	17	46	47
	1010260050	15	187	31	48	72	83
	1010260024	15	177	35	49	58	68
	1010260037	15	181	47	54	73	85
	1010260001	15	186	65	95	108	125
	1010260003	15	180	50	72	92	102
	N		10	10	10	10	10
	Mean		178.7	36.3	53.7	71.3	83.3
	SD		6.5	15.4	22.8	21.3	26.0
	SEM		2.1	4.9	7.2	6.7	8.2

Prepared by: Yu-Mei Chen Mar. 25. 2002

Checked by: Tan-Fu Yuen Mar. 25, 2002

☐ **Individual Animal Data on Food Consumption**

個別試驗動物飼料消耗量數據

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠 28 天口服重覆劑量 (亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Food Consumption

個別試驗動物飼料消耗量數據

Project Code:DV-TA00199 Study No.:SA00032

Species/Strain:Rats/SD Sex: Male

組別 Group	動物籠號 Cage No.	劑量(Dose) ml/kg/day	Food Consumption (g/kg/day) Week 1	Week 2	Week 3	Week 4
1	1-1-01	0	165	139	118	101
	1-1-02	0	170	136	116	102
	1-1-03	0	152	129	104	91
	1-1-04	0	152	126	103	91
	1-1-05	0	154	133	112	98
	N		5	5	5	5
	Mean		158.6	132.6	110.6	96.6
	SD		8.4	5.2	6.8	5.3
	SEM		3.7	2.3	3.1	2.4
2	2-1-01	1.5	174	137	116	101
	2-1-02	1.5	158	134	109	96
	2-1-03	1.5	163	132	114	97
	2-1-04	1.5	165	124	106	95
	2-1-05	1.5	186	136	105	91
	N		5	5	5	5
	Mean		169.2	132.6	110.0	96.0
	SD		11.0	5.2	4.9	3.6
	SEM		4.9	2.3	2.2	1.6

Prepared by: Yu-Mei Chen Mar. 25. 2002 Checked by: Tan-Fu Yuen Mar. 25, 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠 28 天口服重覆劑量 (亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Food Consumption

個別試驗動物飼料消耗量數據

Project Code:DV-TA00199 Study No.:SA00032

Species/Strain:Rats/SD Sex: Male

組別 Group	動物籠號 Cage No.	劑量(Dose) ml/kg/day	Food Consumption (g/kg/day) Week 1	Week 2	Week 3	Week 4
3	3-1-01	5	171	137	110	94
	3-1-02	5	158	129	106	93
	3-1-03	5	160	127	105	96
	3-1-04	5	163	126	107	92
	3-1-05	5	161	122	99	87
	N		5	5	5	5
	Mean		162.6	128.2	105.4	92.4
	SD		5.0	5.5	4.0	3.4
	SEM		2.3	2.5	1.8	1.5
4	4-1-01	15	168	127	103	92
	4-1-02	15	145	117	101	94
	4-1-03	15	149	120	99	89
	4-1-04	15	160	121	105	89
	4-1-05	15	144	119	94	86
	N		5	5	5	5
	Mean		153.2	120.8	100.4	90.0
	SD		10.4	3.8	4.2	3.1
	SEM		4.7	1.7	1.9	1.4

Prepared by: Ju-Mei Chen Mar. 25, 2002 Checked by: Tan-Fu Yuen Mar. 25, 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠 28 天口服重覆劑量 (亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Food Consumption

個別試驗動物飼料消耗量數據

Project Code:DV-TA00199 Study No.:SA00032

Species/Strain:Rats/SD Sex: Female

組別 Group	動物籠號 Cage No.	劑量(Dose) ml/kg/day	Food Consumption (g/kg/day) Week 1	Week 2	Week 3	Week 4
1	1-0-01	0	148	132	113	114
	1-0-02	0	149	123	106	98
	1-0-03	0	172	124	123	111
	1-0-04	0	147	120	119	103
	1-0-05	0	158	122	118	112
	N		5	5	5	5
	Mean		154.8	124.2	115.8	107.6
	SD		10.6	4.6	6.5	6.8
	SEM		4.7	2.1	2.9	3.0
2	2-0-01	1.5	184	119	116	106
	2-0-02	1.5	171	127	116	105
	2-0-03	1.5	150	121	117	107
	2-0-04	1.5	141	128	122	101
	2-0-05	1.5	148	119	105	103
	N		5	5	5	5
	Mean		158.8	122.8	115.2	104.4
	SD		18.0	4.4	6.2	2.4
	SEM		8.1	2.0	2.8	1.1

Prepared by: Ju-Mei Chen Mar. 25, 2002 Checked by: Tan-Fu Yuen Mar. 25, 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠 28 天口服重覆劑量 (亞急性) 毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Food Consumption

個別試驗動物飼料消耗量數據

Project Code:DV-TA00199 Study No.:SA00032

Species/Strain:Rats/SD Sex: Female

組別 Group	動物籠號 Cage No.	劑量(Dose) ml/kg/day	Food Consumption (g/kg/day) Week 1	Week 2	Week 3	Week 4
3	3-0-01	5	159	133	117	106
	3-0-02	5	148	113	111	101
	3-0-03	5	129	124	119	96
	3-0-04	5	161	116	105	96
	3-0-05	5	179	137	96	103
	N		5	5	5	5
	Mean		155.2	124.6	109.6	100.4
	SD		18.4	10.4	9.4	4.4
	SEM		8.2	4.7	4.2	2.0
4	4-0-01	15	154	126	109	105
	4-0-02	15	134	118	105	92
	4-0-03	15	129	103	116	92
	4-0-04	15	144	99	97	92
	4-0-05	15	144	103	90	82
	N		5	5	5	5
	Mean		141.0	109.8	103.4	92.6
	SD		9.8	11.6	10.2	8.2
	SEM		4.4	5.2	4.5	3.7

Prepared by: Ju-Mei Chen Mar. 25, 2002

Checked by: Tan-Fu Yuen Mar. 25, 2002

☐ **Individual Animal Data on Organ Weights and Organ to Brain Weight Ratios**
個別試驗動物臟器重量、臟器與腦重量比數據

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Organ Weights and Organ/Brain Weight Ratios

個別試驗動物臟器重量、臟器與腦重量比數據

Project Code: DV-TA00199

Day on Test: SD 29

Study No.: SA00032

Sex: Female

Group	Animal I.D.	Dose (ml/kg/day)	Brain weight (g)	Liver weight (g)	Liver ratio[a]	Spleen weight (g)	Spleen ratio[a]	Kidneys weight (g)	Kidneys ratio[a]	Adrenal Gls. weight (g)	Adrenal Gls. ratio[b] (%)	Thymus weight (g)	Thymus ratio[a]	Heart weight (g)	Heart ratio[a]
2	1010260019	1.5	1.79	8.31	4.64	0.65	0.36	1.83	1.02	0.083	4.64	0.669	0.37	0.89	0.50
	1010260026	1.5	1.80	9.01	5.01	0.56	0.31	2.10	1.17	0.067	3.72	0.444	0.25	0.90	0.50
	1010260008	1.5	1.80	9.16	5.09	0.59	0.33	1.98	1.10	0.075	4.17	0.522	0.29	0.90	0.50
	1010260027	1.5	1.93	8.02	4.16	0.50	0.26	1.68	0.87	0.055	2.85	0.469	0.24	0.81	0.42
	1010260040	1.5	1.89	8.58	4.54	0.64	0.34	1.93	1.02	0.090	4.76	0.421	0.22	0.89	0.47
	1010260041	1.5	1.85	8.84	4.78	0.50	0.27	2.01	1.09	0.054	2.92	0.542	0.29	0.93	0.50
	1010260020	1.5	1.94	7.37	3.80	0.64	0.33	2.18	1.12	0.084	4.33	0.436	0.22	0.92	0.47
	1010260036	1.5	1.95	8.54	4.38	0.58	0.30	1.94	0.99	0.074	3.79	0.457	0.23	0.90	0.46
	1010260025	1.5	2.01	9.37	4.66	0.77	0.38	2.17	1.08	0.091	4.53	0.520	0.26	0.89	0.44
	1010260033	1.5	1.90	10.27	5.41	0.64	0.34	2.52	1.33	0.081	4.26	0.562	0.30	0.98	0.52
	N		10	10	10	10	10	10	10	10	10	10	10	10	10
	Mean		1.89	8.75	4.65	0.61	0.32	2.03	1.08	0.075	4.00	0.504	0.27	0.90	0.48
	SD		0.07	0.79	0.47	0.08	0.04	0.23	0.12	0.013	0.67	0.075	0.05	0.04	0.03
	SEM		0.02	0.25	0.15	0.03	0.01	0.07	0.04	0.004	0.21	0.024	0.01	0.01	0.01

[a]:Ratio=Organ weight/Brain weight

[b]:Ratio=(Organ weight/Brain weight) x 100

Prepared by: Chih Peng Wang Mar. 26, 2002

Checked by: Yi-Mei Chen Mar. 26. 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Organ Weights and Organ/Brain Weight Ratios

個別試驗動物臟器重量、臟器與腦重量比數據

Project Code: DV-TA00199

Day on Test: SD 29

Study No.: SA00032

Sex: Female

Group	Animal I.D.	Dose (ml/kg/day)	Brain weight (g)	Liver weight (g)	Liver ratio[a]	Spleen weight (g)	Spleen ratio[a]	Kidneys weight (g)	Kidneys ratio[a]	Adrenal Gls. weight (g)	Adrenal Gls. ratio[b] (%)	Thymus weight (g)	Thymus ratio[a]	Heart weight (g)	Heart ratio[a]
3	1010260009	5	1.84	9.46	5.14	0.43	0.23	1.83	0.99	0.084	4.57	0.544	0.296	0.84	0.46
	1010260044	5	1.79	8.57	4.79	0.57	0.32	1.95	1.09	0.058	3.24	0.508	0.284	0.97	0.54
	1010260029	5	1.79	8.73	4.88	0.69	0.39	1.86	1.04	0.071	3.97	0.563	0.315	0.96	0.54
	1010260043	5	1.91	7.98	4.18	0.42	0.22	1.89	0.99	0.082	4.29	0.404	0.212	0.78	0.41
	1010260016	5	1.84	9.00	4.89	0.65	0.35	1.91	1.04	0.064	3.48	0.603	0.328	1.05	0.57
	1010260021	5	1.90	7.91	4.16	0.46	0.24	1.58	0.83	0.099	5.21	0.439	0.231	0.99	0.52
	1010260006	5	1.89	8.52	4.51	0.44	0.23	1.91	1.01	0.055	2.91	0.425	0.225	0.83	0.44
	1010260023	5	1.92	9.48	4.94	0.59	0.31	2.24	1.17	0.081	4.22	0.473	0.246	1.06	0.55
	1010260014	5	1.91	8.85	4.63	0.71	0.37	1.87	0.98	0.075	3.93	0.487	0.255	1.09	0.57
	1010260049	5	1.87	10.03	5.36	0.58	0.31	2.23	1.19	0.076	4.06	0.419	0.224	0.89	0.48
	N		10	10	10	10	10	10	10	10	10	10	10	10	10
	Mean		1.87	8.85	4.75	0.55	0.30	1.93	1.03	0.075	3.99	0.487	0.26	0.95	0.51
	SD		0.05	0.67	0.39	0.11	0.06	0.19	0.10	0.013	0.66	0.067	0.04	0.11	0.06
	SEM		0.02	0.21	0.12	0.03	0.02	0.06	0.03	0.004	0.21	0.021	0.01	0.03	0.02

[a]:Ratio=Organ weight/Brain weight

[b]:Ratio=(Organ weight/Brain weight) x 100

Prepared by: Chi Peng Wang Mar. 26, 2002

Checked by: Yu-Mei Chen Mar. 26. 2002

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Organ Weights and Organ/Brain Weight Ratios

個別試驗動物臟器重量、臟器與腦重量比數據

Project Code: DV-TA00199

Study No.: SA00032

Day on Test: SD 29

Sex: Female

Group	Animal I.D.	Dose (ml/kg/day)	Brain weight (g)	Liver weight (g)	Liver ratio[a]	Spleen weight (g)	Spleen ratio[a]	Kidneys weight (g)	Kidneys ratio[a]	Adrenal Gls. weight (g)	Adrenal Gls. ratio[b] (%)	Thymus weight (g)	Thymus ratio[a]	Heart weight (g)	Heart ratio[a]
4	1010260010	15	1.81	11.64	6.43	0.55	0.30	2.17	1.20	0.063	3.48	0.564	0.312	1.10	0.61
	1010260017	15	1.68	9.30	5.54	0.56	0.33	2.13	1.27	0.053	3.15	0.479	0.285	0.94	0.56
	1010260011	15	1.86	8.36	4.49	0.59	0.32	1.96	1.05	0.067	3.60	0.521	0.280	0.95	0.51
	1010260030	15	1.89	6.40	3.39	0.49	0.26	1.49	0.79	0.056	2.96	0.261	0.138	0.77	0.41
	1010260012	15	1.87	6.92	3.70	0.54	0.29	1.69	0.90	0.075	4.01	0.390	0.209	0.73	0.39
	1010260050	15	1.83	9.41	5.14	0.44	0.24	1.93	1.05	0.085	4.64	0.353	0.193	0.84	0.46
	1010260024	15	1.91	7.22	3.78	0.43	0.23	1.51	0.79	0.049	2.57	0.430	0.225	0.76	0.40
	1010260037	15	1.83	9.37	5.12	0.79	0.43	2.03	1.11	0.109	5.96	0.606	0.331	0.86	0.47
	1010260001	15	1.80	10.46	5.81	0.61	0.34	2.26	1.26	0.066	3.67	0.566	0.314	0.89	0.49
	1010260003	15	1.83	9.92	5.42	0.70	0.38	2.03	1.11	0.079	4.32	0.531	0.290	0.98	0.54
	N		10	10	10	10	10	10	10	10	10	10	10	10	10
	Mean		1.83	8.90	4.88	0.57	0.31	1.92	1.05	0.070	3.84	0.470	0.26	0.88	0.48
	SD		0.06	1.66	1.01	0.11	0.06	0.27	0.18	0.018	0.97	0.110	0.06	0.11	0.07
	SEM		0.02	0.53	0.32	0.04	0.02	0.09	0.06	0.006	0.31	0.035	0.02	0.04	0.02

[a]:Ratio=Organ weight/Brain weight

[b]:Ratio=(Organ weight/Brain weight) x 100

Prepared by: CR Peng Jang Mar. 26, 2002

Checked by: Yi-Mei Chen, Mar. 26. 2002

☐ **Individual Animal Data on Urinalysis**
個別試驗動物尿液學數據

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Urinalysis

個別試驗動物尿液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Days on Test :SD 29 **Sex: Male**

Animal I.D.	Dose (ml/kg/Day)	Volume ml	Odor	SG	Color	Clarity	Glu	Bil	Ket	pH	Pro	Uro EU/dl	Nit	Blo	Leu
1010261005	0	26	Normal	1.023	Yellow	Clear	Negative	Negative	Trace	7.0	Trace	0.2	Negative	Negative	Negative
1010261023	0	26	Normal	1.019	Yellow	Clear	Negative	Negative	Trace	7.0	Trace	0.2	Negative	Negative	Negative
1010261017	0	34	Normal	1.013	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261029	0	28	Normal	1.018	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261022	0	40	Normal	1.012	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261034	0	28	Normal	1.020	Yellow	Clear	Negative	Negative	1+	7.5	Trace	0.2	Negative	Negative	Negative
1010261027	0	34	Normal	1.017	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261035	0	20	Normal	1.032	Yellow	Clear	Negative	Negative	1+	7.0	Trace	0.2	Negative	Negative	Negative
1010261015	0	24	Normal	1.022	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261041	0	24	Normal	1.022	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
N		10		10						10		10			
Mean		28.4		1.020						7.05		0.20			
SD		5.9		0.006						0.16		0.00			
SEM		1.9		0.002						0.05		0.00			

Key: SG=Specific Gravity
Glu=Glucose
Bil=Bilirubin
Ket=Ketones
Pro=Protein
Uro=Urobilinogen
Nit=Nitrate
Blo=Blood(hemoglobin)
Leu=Leukocytes

Operated by: Tan-Fu Yuen Dec. 11, 2001

Checked by: Chien-Ming Shih Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重複劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Urinalysis

個別試驗動物尿液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Days on Test :SD 29 **Sex: Male**

Animal I.D.	Dose (ml/kg/Day)	Volume ml	Odor	SG	Color	Clarity	Glu	Bil	Ket	pH	Pro	Uro EU/dl	Nit	Blo	Leu
1010261024	1.5	22	Normal	1.023	Yellow	Clear	Negative	Negative	Trace	6.5	Negative	0.2	Negative	Negative	Negative
1010261044	1.5	30	Normal	1.017	Yellow	Clear	Negative	Negative	Trace	6.5	Negative	0.2	Negative	Negative	Negative
1010261003	1.5	18	Normal	1.026	Yellow	Clear	Negative	Negative	1+	6.5	Trace	0.2	Negative	Negative	Negative
1010261028	1.5	32	Normal	1.015	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261016	1.5	19	Normal	1.027	Yellow	Clear	Negative	Negative	Trace	7.0	Trace	0.2	Negative	Negative	Negative
1010261037	1.5	19	Normal	1.025	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	1+
1010261010	1.5	27	Normal	1.022	Yellow	Clear	Negative	Negative	Trace	6.5	Negative	0.2	Negative	Negative	Negative
1010261046	1.5	17	Normal	1.027	Yellow	Clear	Negative	Negative	Trace	6.5	Trace	0.2	Negative	Negative	Negative
1010261047	1.5	32	Normal	1.016	Yellow	Clear	Negative	Negative	Trace	7.0	Trace	0.2	Negative	Negative	Negative
1010261049	1.5	28	Normal	1.019	Yellow	Clear	Negative	Negative	Trace	8.0	Trace	0.2	Negative	Negative	Negative
N		10		10						10		10			
Mean		24.4		1.022						6.85		0.20			
SD		6.0		0.005						0.47		0.00			
SEM		1.9		0.001						0.15		0.00			

Key: SG=Specific Gravity
Glu=Glucose
Bil=Bilirubin
Ket=Ketones
Pro=Protein
Uro=Urobilinogen
Nit=Nitrate
Blo=Blood(hemoglobin)
Leu=Leukocytes

Operated by: Tan-Fu Yuen Dec. 11, 2001

Checked by: Chien-Ming Shih Dec 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Urinalysis

個別試驗動物尿液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Days on Test :SD 29 **Sex: Male**

Animal I.D.	Dose (ml/kg/Day)	Volume ml	Odor	SG	Color	Clarity	Glu	Bil	Ket	pH	Pro	Uro EU/dl	Nit	Blo	Leu
1010261020	5	36	Normal	1.011	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261030	5	24	Normal	1.023	Yellow	Clear	Negative	Negative	Trace	7.5	Negative	0.2	Negative	Negative	Negative
1010261001	5	29	Normal	1.019	Yellow	Clear	Negative	Negative	Trace	6.5	Trace	0.2	Negative	Negative	Negative
1010261042	5	34	Normal	1.017	Yellow	Clear	Negative	Negative	Trace	6.5	Negative	0.2	Negative	Negative	Negative
1010261002	5	38	Normal	1.012	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261013	5	22	Normal	1.021	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261026	5	46	Normal	1.012	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261031	5	17	Normal	1.027	Yellow	Clear	Negative	Negative	Trace	7.0	Trace	0.2	Negative	Negative	Trace
1010261011	5	24	Normal	1.020	Yellow	Clear	Negative	Negative	Trace	7.0	Trace	0.2	Negative	Negative	Negative
1010261019	5	28	Normal	1.020	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
N		10		10						10		10			
Mean		29.8		1.018						6.95		0.20			
SD		8.7		0.005						0.28		0.00			
SEM		2.8		0.002						0.09		0.00			

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28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

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大鼠28天口服重複劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Urinalysis

個別試驗動物尿液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Days on Test :SD 29 **Sex: Male**

Animal I.D.	Dose (ml/kg/Day)	Volume ml	Odor	SG	Color	Clarity	Glu	Bil	Ket	pH	Pro	Uro EU/dl	Nit	Blo	Leu
1010261004	15	27	Normal	1.018	Yellow	Clear	Negative	Negative	Trace	7.5	Negative	0.2	Negative	Negative	Negative
1010261050	15	34	Normal	1.016	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261045	15	33	Normal	1.018	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261048	15	27	Normal	1.014	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010261038	15	28	Normal	1.018	Yellow	Clear	Negative	Negative	Trace	7.5	Negative	0.2	Negative	Negative	Negative
1010261043	15	27	Normal	1.016	Yellow	Clear	Negative	Negative	Trace	6.0	Negative	0.2	Negative	Negative	Negative
1010261007	15	40	Normal	1.013	Yellow	Clear	Negative	Negative	Trace	7.5	Negative	0.2	Negative	Negative	Negative
1010261021	15	43	Normal	1.011	Yellow	Clear	Negative	Negative	Trace	7.5	Negative	0.2	Negative	Negative	Negative
1010261012	15	28	Normal	1.021	Yellow	Clear	Negative	Negative	Trace	7.5	Trace	0.2	Negative	Negative	Negative
1010261040	15	25	Normal	1.020	Yellow	Clear	Negative	Negative	1+	8.0	Negative	0.2	Negative	Negative	Negative
N		10		10						10		10			
Mean		31.2		1.017						7.25		0.20			
SD		6.1		0.003						0.54		0.00			
SEM		1.9		0.001						0.17		0.00			

Key: SG=Specific Gravity
Glu=Glucose
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Uro=Urobilinogen
Nit=Nitrate
Blo=Blood(hemoglobin)
Leu=Leukocytes

Operated by: Tan-Fu Yuen Dec. 11, 2001

Checked by: Chien-Ming Shih Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Urinalysis

個別試驗動物尿液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Days on Test :SD 29 **Sex: Female**

Animal I.D.	Dose (ml/kg/Day)	Volume ml	Odor	SG	Color	Clarity	Glu	Bil	Ket	pH	Pro	Uro EU/dl	Nit	Blo	Leu
1010260035	0	15	Normal	1.022	DK Yellow	Clear	Negative	Negative	Negative	6.0	Negative	0.2	Negative	Negative	Negative
1010260046	0	10	Normal	1.031	Yellow	Clear	Negative	Negative	Trace	6.5	Negative	0.2	Negative	Negative	Negative
1010260004	0	12	Normal	1.026	Yellow	Clear	Negative	Negative	Negative	6.5	Negative	0.2	Negative	Negative	Negative
1010260034	0	13	Normal	1.026	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010260038	0	27	Normal	1.019	Yellow	Clear	Negative	Negative	Negative	7.0	Negative	0.2	Negative	Negative	Negative
1010260042	0	13	Normal	1.033	Yellow	Clear	Negative	Negative	Negative	7.5	Negative	0.2	Negative	Negative	Negative
1010260015	0	24	Normal	1.016	Yellow	Clear	Negative	Negative	Negative	6.5	Negative	0.2	Negative	Negative	Negative
1010260031	0	6	Normal	>1.040	Yellow	Clear	Negative	Negative	Trace	6.0	Trace	0.2	Negative	Negative	Negative
1010260013	0	14	Normal	1.027	Yellow	Clear	Negative	Negative	Negative	6.5	Negative	0.2	Negative	Negative	Negative
1010260045	0	13	Normal	1.028	Yellow	Clear	Negative	Negative	Trace	6.5	Negative	0.2	Negative	Negative	Negative
N		10		9						10		10			
Mean		14.7		1.025						6.60		0.20			
SD		6.3		0.005						0.46		0.00			
SEM		2.0		0.002						0.15		0.00			

Key: SG=Specific Gravity
Glu=Glucose
Bil=Bilirubin
Ket=Ketones
Pro=Protein
Uro=Urobilinogen
Nit=Nitrate
Blo=Blood(hemoglobin)
Leu=Leukocytes

Operated by: Tan-Fu Yuen Dec. 11, 2001

Checked by: Chien-Ming Shih Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重複劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Urinalysis

個別試驗動物尿液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Days on Test :SD 29 **Sex: Female**

Animal I.D.	Dose (ml/kg/Day)	Volume ml	Odor	SG	Color	Clarity	Glu	Bil	Ket	pH	Pro	Uro EU/dl	Nit	Blo	Leu
1010260019	1.5	20	Normal	1.018	Yellow	Clear	Negative	Negative	Negative	6.5	Negative	0.2	Negative	Negative	Negative
1010260026	1.5	14	Normal	1.025	Yellow	Clear	Negative	Negative	Negative	6.5	Negative	0.2	Negative	Negative	Negative
1010260008	1.5	16	Normal	1.025	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010260027	1.5	12	Normal	1.028	Yellow	Clear	Negative	Negative	Negative	7.0	Negative	0.2	Negative	Negative	Negative
1010260040	1.5	12	Normal	1.026	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010260041	1.5	11	Normal	1.021	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010260020	1.5	17	Normal	1.021	Yellow	Clear	Negative	Negative	Negative	6.5	Negative	0.2	Negative	Negative	Trace
1010260036	1.5	21	Normal	1.018	Yellow	Clear	Negative	Negative	Negative	7.0	Negative	0.2	Negative	Negative	Negative
1010260025	1.5	10	Normal	1.031	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010260033	1.5	14	Normal	1.024	Yellow	Clear	Negative	Negative	Trace	6.5	Negative	0.2	Negative	Negative	Negative
N		10		10						10		10			
Mean		14.7		1.024						6.80		0.20			
SD		3.7		0.004						0.26		0.00			
SEM		1.2		0.001						0.08		0.00			

Key: SG=Specific Gravity
Glu=Glucose
Bil=Bilirubin
Ket=Ketones
Pro=Protein
Uro=Urobilinogen
Nit=Nitrate
Blo=Blood(hemoglobin)
Leu=Leukocytes

Operated by: Tan-Fu Yuen Dec.11, 2001

Checked by: Chien-Ming Shih Dec.18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Urinalysis

個別試驗動物尿液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Days on Test :SD 29 **Sex: Female**

Animal I.D.	Dose (ml/kg/Day)	Volume ml	Odor	SG	Color	Clarity	Glu	Bil	Ket	pH	Pro	Uro EU/dl	Nit	Blo	Leu
1010260009	5	18	Normal	1.018	Yellow	Clear	Negative	Negative	Negative	7.5	Negative	0.2	Negative	Negative	Negative
1010260044	5	17	Normal	1.021	Yellow	Clear	Negative	Negative	Negative	7.0	Negative	0.2	Negative	Negative	Negative
1010260029	5	12	Normal	1.024	Yellow	Clear	Negative	Negative	Negative	7.0	Negative	0.2	Negative	Negative	Negative
1010260043	5	8	Normal	1.033	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010260016	5	21	Normal	1.015	Yellow	Clear	Negative	Negative	Negative	7.0	Negative	0.2	Negative	Negative	Negative
1010260021	5	11	Normal	1.027	Yellow	Clear	Negative	Negative	Negative	6.5	Negative	0.2	Negative	Negative	Negative
1010260006	5	14	Normal	1.024	Yellow	Clear	Negative	Negative	Negative	6.5	Negative	0.2	Negative	Negative	Negative
1010260023	5	13	Normal	1.026	Yellow	Clear	Negative	Negative	Negative	7.0	Negative	0.2	Negative	Negative	Negative
1010260014	5	19	Normal	1.020	Yellow	Clear	Negative	Negative	Negative	6.5	Negative	0.2	Negative	Negative	Negative
1010260049	5	10	Normal	1.031	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
N		10		10						10		10			
Mean		14.3		1.024						6.90		0.20			
SD		4.3		0.006						0.32		0.00			
SEM		1.4		0.002						0.10		0.00			

Key: SG=Specific Gravity
Glu=Glucose
Bil=Bilirubin
Ket=Ketones
Pro=Protein
Uro=Urobilinogen
Nit=Nitrate
Blo=Blood(hemoglobin)
Leu=Leukocytes

Operated by: Tan-Fu Yuen Dec. 11, 2001

Checked by: Chian-Ming Shih Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)
大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重複劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Urinalysis

個別試驗動物尿液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Days on Test :SD 29 **Sex: Female**

Animal I.D.	Dose (ml/kg/Day)	Volume ml	Odor	SG	Color	Clarity	Glu	Bil	Ket	pH	Pro	Uro EU/dl	Nit	Blo	Leu
1010260010	15	15	Normal	1.023	Yellow	Clear	Negative	Negative	Trace	7.0	Negative	0.2	Negative	Negative	Negative
1010260017	15	14	Normal	1.026	Yellow	Clear	Negative	Negative	Negative	7.0	Negative	0.2	Negative	Negative	Negative
1010260011	15	26	Normal	1.015	Yellow	Clear	Negative	Negative	Negative	7.0	Negative	0.2	Negative	Negative	Negative
1010260030	15	18	Normal	1.014	Yellow	Clear	Negative	Negative	Negative	7.5	Negative	0.2	Negative	Negative	Negative
1010260012	15	28	Normal	1.010	Yellow	Clear	Negative	Negative	Negative	7.0	Negative	0.2	Negative	Negative	Negative
1010260050	15	22	Normal	1.016	Yellow	Clear	Negative	Negative	Negative	7.5	Negative	0.2	Negative	Negative	Negative
1010260024	15	19	Normal	1.018	Yellow	Clear	Negative	Negative	Negative	7.5	Negative	0.2	Negative	Negative	Negative
1010260037	15	13	Normal	1.023	Yellow	Clear	Negative	Negative	Negative	7.5	Negative	0.2	Negative	Negative	Negative
1010260001	15	20	Normal	1.021	Yellow	Clear	Negative	Negative	Negative	7.5	Negative	0.2	Negative	Negative	Negative
1010260003	15	12	Normal	1.029	Yellow	Clear	Negative	Negative	Trace	7.5	Negative	0.2	Negative	Negative	Negative
N		10		10						10		10			
Mean		18.7		1.020						7.30		0.20			
SD		5.4		0.006						0.26		0.00			
SEM		1.7		0.002						0.08		0.00			

Key: SG=Specific Gravity
Glu=Glucose
Bil=Bilirubin
Ket=Ketones
Pro=Protein
Uro=Urobilinogen
Nit=Nitrate
Blo=Blood(hemoglobin)
Leu=Leukocytes

Operated by: Tan-Fu Yuen Dec.11, 2001

Checked by: Chien-Ming Shih Dec. 18, 2001

☐ **Individual Animal Data on Urinalysis -Urine Sediment**
個別試驗動物尿液學數據 – 尿渣檢查

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS-PRODUCT CODE MICRSOY-20(MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號MICRSOY-20 (MS-20)

Project Code : DV-TA00199 Study No. : SA00032

Individual Animal Data on Urine Sediment

Male – Group 1- 對照溶液 (15 ml/kg/day)

Animal ID	Cells[1]			Casts[2]					Others
	Epithelial Cells	RBC	WBC	Hyaline	Granular	Epithelial	RBC	WBC	Sperm[1]
1010261005	-	-	-	-	-	-	-	-	-
1010261023	R	-	-	-	-	-	-	-	-
1010261017	R	-	-	-	-	-	-	-	R
1010261029	R	-	-	-	-	-	-	-	-
1010261022	R	-	-	-	-	-	-	-	-
1010261034	R	-	-	-	-	-	-	-	-
1010261027	-	-	-	-	-	-	-	-	-
1010261035	R	-	-	-	-	-	-	-	-
1010261015	R	-	-	-	-	-	-	-	-
1010261041	R	-	-	-	-	-	-	-	-

(Continue)

Animal ID	Crystals1							Microbes3		
	Uric Acid	Leucine /Tyrosine	Cystine	Calcium Oxalate	Hippuric Acid	Ammonium Biurate	Triple Phosphate	Bacteria	Yeast	Trichomonas Vaginalis
1010261005	-	-	-	-	-	-	-	N	-	-
1010261023	-	-	-	-	-	-	-	N	-	-
1010261017	-	-	-	-	-	-	-	N	-	-
1010261029	-	-	-	-	-	-	-	N	-	-
1010261022	-	-	-	-	-	-	-	N	-	-
1010261034	-	-	-	-	-	-	O	L	-	-
1010261027	-	-	-	-	-	-	-	N	-	-
1010261035	-	-	-	-	-	-	F	N	-	-
1010261015	-	-	-	-	-	-	-	N	-	-
1010261041	-	-	-	-	-	-	-	N	-	-

1. Estimate average number per high-power field(400 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
2. Estimate average number per low-power field(100 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
3. Estimate average number per high-power field(400 X) and report in terms of N(negative), L(light), Mo(moderate), H(heavy).

- : Not detectable

Prepared by: Min Chin Wang Dec. 17, 2001

Checked by: Yih Min Tzung Dec. 18, 2001

Project Code : DV-TA00199

Study No. : SA00032

Individual Animal Data on Urine Sediment

Male – Group 2- 1.5 ml/kg/day

Animal ID	Cells[1]			Casts[2]					Others
	Epithelial Cells	RBC	WBC	Hyaline	Granular	Epithelial	RBC	WBC	Sperm[1]
1010261024	R	-	-	-	-	-	-	-	-
1010261044	R	-	-	-	-	-	-	-	-
1010261003	-	-	-	-	-	-	-	-	-
1010261028	R	-	-	-	-	-	-	-	-
1010261016	R	-	-	-	-	-	-	-	-
1010261037	R	-	-	-	-	-	-	-	-
1010261010	R	-	-	-	-	-	-	-	-
1010261046	R	-	-	-	-	-	-	-	-
1010261047	R	-	-	-	-	-	-	-	R
1010261049	R	-	-	-	-	-	-	-	R

(Continue)

Animal ID	Crystals1							Microbes3		
	Uric Acid	Leucine /Tyrosine	Cystine	Calcium Oxalate	Hippuric Acid	Ammonium Biurate	Triple Phosphate	Bacteria	Yeast	Trichomonas Vaginalis
1010261024	-	-	-	-	-	-	-	N	-	-
1010261044	-	-	-	-	-	-	-	N	-	-
1010261003	-	-	-	-	-	-	-	N	-	-
1010261028	-	-	-	-	-	-	-	N	-	-
1010261016	-	-	-	-	-	-	F	N	-	-
1010261037	-	-	-	-	-	-	F	N	-	-
1010261010	-	-	-	-	-	-	-	N	-	-
1010261046	-	-	-	-	-	-	O	N	-	-
1010261047	-	-	-	-	-	-	-	N	-	-
1010261049	-	-	-	-	-	-	F	N	-	-

1. Estimate average number per high-power field(400 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
2. Estimate average number per low-power field(100 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
3. Estimate average number per high-power field(400 X) and report in terms of N(negative), L(light), Mo(moderate), H(heavy).

- : Not detectable

Prepared by: Mei Chin Wang Dec. 17, 2001
Checked by: Yih Min Tzeng Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS-PRODUCT CODE MICRSOY-20(MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號MICRSOY-20 (MS-20)

Project Code : DV-TA00199 Study No. : SA00032

Individual Animal Data on Urine Sediment

Male – Group 3- 5 ml/kg/day

Animal ID	Cells[1]			Casts[2]					Others
	Epithelial Cells	RBC	WBC	Hyaline	Granular	Epithelial	RBC	WBC	Sperm[1]
1010261020	R	-	-	-	-	-	-	-	-
1010261030	R	-	-	-	-	-	-	-	R
1010261001	-	-	-	-	-	-	-	-	-
1010261042	R	-	-	-	-	-	-	-	-
1010261002	R	-	-	-	-	-	-	-	-
1010261013	-	-	-	-	-	-	-	-	-
1010261026	-	-	-	-	-	-	-	-	-
1010261031	R	-	-	-	-	-	-	-	-
1010261011	-	-	-	-	-	-	-	-	-
1010261019	R	-	-	-	-	-	-	-	R

(Continue)

Animal ID	Crystals1							Microbes3		
	Uric Acid	Leucine /Tyrosine	Cystine	Calcium Oxalate	Hippuric Acid	Ammonium Biurate	Triple Phosphate	Bacteria	Yeast	Trichomonas Vaginalis
1010261020	-	-	-	-	-	-	-	N	-	-
1010261030	-	-	-	-	-	-	R	N	-	-
1010261001	-	-	-	-	-	-	-	N	-	-
1010261042	-	-	-	-	-	-	-	N	-	-
1010261002	-	-	-	-	-	-	-	N	-	-
1010261013	-	-	-	-	-	-	-	N	-	-
1010261026	-	-	-	-	-	-	-	N	-	-
1010261031	-	-	-	-	-	-	F	N	-	-
1010261011	-	-	-	-	-	-	-	N	-	-
1010261019	-	-	-	-	-	-	O	N	-	-

1. Estimate average number per high-power field(400 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
2. Estimate average number per low-power field(100 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
3. Estimate average number per high-power field(400 X) and report in terms of N(negative), L(light), Mo(moderate), H(heavy)

- : Not detectable

Prepared by: Mei-Lin Wang Dec. 17, 2001

Checked by: Jyh Min Tzeng Dec. 18, 2001

Project Code : DV-TA00199 Study No. : SA00032

Individual Animal Data on Urine Sediment

Male – Group 4- 15 ml/kg/day

Animal ID	Cells[1]			Casts[2]					Others
	Epithelial Cells	RBC	WBC	Hyaline	Granular	Epithelial	RBC	WBC	Sperm[1]
1010261004	R	-	-	-	-	-	-	-	R
1010261050	R	-	-	-	-	-	-	-	R
1010261045	-	-	-	-	-	-	-	-	-
1010261048	-	-	-	-	-	-	-	-	-
1010261038	R	-	-	-	-	-	-	-	-
1010261043	-	-	-	-	-	-	-	-	-
1010261007	R	-	R	-	-	-	-	-	O
1010261021	R	-	-	-	-	-	-	-	-
1010261012	R	-	-	-	-	-	-	-	R
1010261040	R	-	R	-	-	-	-	-	R

(Continue)

Animal ID	Crystals1							Microbes3		
	Uric Acid	Leucine /Tyrosine	Cystine	Calcium Oxalate	Hippuric Acid	Ammonium Biurate	Triple Phosphate	Bacteria	Yeast	Trichomonas Vaginalis
1010261004	-	-	-	-	-	-	R	N	-	-
1010261050	-	-	-	-	-	-	-	N	-	-
1010261045	-	-	-	-	-	-	-	N	-	-
1010261048	-	-	-	-	-	-	-	N	-	-
1010261038	-	-	-	-	-	-	-	N	-	-
1010261043	-	-	-	-	-	-	-	N	-	-
1010261007	-	-	-	-	-	-	R	N	-	-
1010261021	-	-	-	-	-	-	-	N	-	-
1010261012	-	-	-	-	-	-	F	N	-	-
1010261040	-	-	-	-	-	-	O	N	-	-

1. Estimate average number per high-power field(400 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
2. Estimate average number per low-power field(100 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
3. Estimate average number per high-power field(400 X) and report in terms of N(negative), L(light), Mo(moderate), H(heavy).
- : Not detectable

Prepared by: Mei Lin Wang Dec. 17, 2001
Checked by: Jyh Min Zeng Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS-PRODUCT CODE MICRSOY-20(MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號MICRSOY-20 (MS-20)

Project Code : DV-TA00199

Study No. : SA00032

Individual Animal Data on Urine Sediment

Female – Group 1- 對照溶液 (15 ml/kg/day)

Animal ID	Cells[1]			Casts[2]					Others
	Epithelial Cells	RBC	WBC	Hyaline	Granular	Epithelial	RBC	WBC	
1010260035	-	-	-	-	-	-	-	-	-
1010260046	R	-	-	-	-	-	-	-	-
1010260004	R	-	-	-	-	-	-	-	-
1010260034	R	-	-	-	-	-	-	-	-
1010260038	-	-	-	-	-	-	-	-	-
1010260042	R	-	R	-	-	-	-	-	-
1010260015	R	-	-	-	-	-	-	-	-
1010260031	R	-	R	-	-	-	-	-	-
1010260013	R	-	-	-	-	-	-	-	-
1010260045	-	-	-	-	-	-	-	-	-

(Continue)

Animal ID	Crystals1							Microbes3		
	Uric Acid	Leucine /Tyrosine	Cystine	Calcium Oxalate	Hippuric Acid	Ammonium Biurate	Triple Phosphate	Bacteria	Yeast	Trichomonas Vaginalis
1010260035	-	-	-	-	-	-	-	N	-	-
1010260046	-	-	-	-	-	-	O	N	-	-
1010260004	-	-	-	-	-	-	O	N	-	-
1010260034	-	-	-	-	-	-	-	N	-	-
1010260038	-	-	-	-	-	-	-	N	-	-
1010260042	-	-	-	-	-	-	M	N	-	-
1010260015	-	-	-	-	-	-	-	N	-	-
1010260031	-	-	-	-	-	-	-	N	-	-
1010260013	-	-	-	-	-	-	-	N	-	-
1010260045	-	-	-	-	-	-	-	N	-	-

1. Estimate average number per high-power field(400 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
2. Estimate average number per low-power field(100 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
3. Estimate average number per high-power field(400 X) and report in terms of N(negative), L(light), Mo(moderate), H(heavy).

- : Not detectable

Prepared by: Mei Lan Wang Dec. 17, 2001

Checked by: Yih Min Tzeng Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS-PRODUCT CODE MICRSOY-20(MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號MICRSOY-20 (MS-20)

Project Code : DV-TA00199 Study No. : SA00032

Individual Animal Data on Urine Sediment

Female – Group 2- 1.5 ml/kg/day

Animal ID	Cells[1]			Casts[2]					Others
	Epithelial Cells	RBC	WBC	Hyaline	Granular	Epithelial	RBC	WBC	
1010260019	-	-	-	-	-	-	-	-	-
1010260026	R	-	-	-	-	-	-	-	-
1010260008	O	-	-	-	-	-	-	-	-
1010260027	-	-	-	-	-	-	-	-	-
1010260040	R	-	-	-	-	-	-	-	-
1010260041	R	-	-	-	-	-	-	-	-
1010260020	R	-	-	-	-	-	-	-	-
1010260036	R	-	-	-	-	-	-	-	-
1010260025	R	-	-	-	-	-	-	-	-
1010260033	R	-	-	-	-	-	-	-	-

(Continue)

Animal ID	Crystals1							Microbes3		
	Uric Acid	Leucine /Tyrosine	Cystine	Calcium Oxalate	Hippuric Acid	Ammonium Biurate	Triple Phosphate	Bacteria	Yeast	Trichomonas Vaginalis
1010260019	-	-	-	-	-	-	-	N	-	-
1010260026	-	-	-	-	-	-	-	N	-	-
1010260008	-	-	-	-	-	-	Mo	N	-	-
1010260027	-	-	-	-	-	-	O	N	-	-
1010260040	-	-	-	-	-	-	O	N	-	-
1010260041	-	-	-	-	-	-	-	N	-	-
1010260020	-	-	-	-	-	-	-	N	-	-
1010260036	-	-	-	-	-	-	-	N	-	-
1010260025	-	-	-	-	-	-	Mo	N	-	-
1010260033	-	-	-	-	-	-	-	N	-	-

1. Estimate average number per high-power field(400 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
2. Estimate average number per low-power field(100 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
3. Estimate average number per high-power field(400 X) and report in terms of N(negative), L(light), Mo(moderate), H(heavy).

- : Not detectable

Prepared by: Mei Lin Wang Dec 13, 2001

Checked by: Jih Lin Tzeng DEC. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS-PRODUCT CODE MICRSOY-20(MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號MICRSOY-20 (MS-20)

Project Code : DV-TA00199 Study No. : SA00032

Individual Animal Data on Urine Sediment

Female – Group 3- 5 ml/kg/day

Animal ID	Cells[1]			Casts[2]					Others
	Epithelial Cells	RBC	WBC	Hyaline	Granular	Epithelial	RBC	WBC	
1010260009	R	-	-	-	-	-	-	-	-
1010260044	R	-	-	-	-	-	-	-	-
1010260029	R	-	-	-	-	-	-	-	-
1010260043	R	-	-	-	-	-	-	-	-
1010260016	R	-	-	-	-	-	-	-	-
1010260021	R	-	-	-	-	-	-	-	-
1010260006	R	-	-	-	-	-	-	-	-
1010260023	R	-	-	-	-	-	-	-	-
1010260014	-	-	-	-	-	-	-	-	-
1010260049	R	-	-	-	-	-	-	-	-

(Continue)

Animal ID	Crystals1							Microbes3		
	Uric Acid	Leucine /Tyrosine	Cystine	Calcium Oxalate	Hippuric Acid	Ammonium Biurate	Triple Phosphate	Bacteria	Yeast	Trichomonas Vaginalis
1010260009	-	-	-	-	-	-	F	N	-	-
1010260044	-	-	-	-	-	-	O	N	-	-
1010260029	-	-	-	-	-	-	F	N	-	-
1010260043	-	-	-	-	-	-	Mo	N	-	-
1010260016	-	-	-	-	-	-	-	N	-	-
1010260021	-	-	-	-	-	-	F	N	-	-
1010260006	-	-	-	-	-	-	-	N	-	-
1010260023	-	-	-	-	-	-	F	N	-	-
1010260014	-	-	-	-	-	-	-	N	-	-
1010260049	-	-	-	-	-	-	O	N	-	-

1. Estimate average number per high-power field(400 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
2. Estimate average number per low-power field(100 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
3. Estimate avetage number per high-power field(400 X) and report in terms of N(negative), L(light), Mo(moderate), H(heavy).

- : Not detectable

Prepared by: Mei Lan Wang Dec. 12, 2001

Checked by: Tyh Min Tzeng Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS-PRODUCT CODE MICRSOY-20(MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號MICRSOY-20 (MS-20)

Project Code : DV-TA00199

Study No. : SA00032

Individual Animal Data on Urine Sediment

Female – Group 4- 15 ml/kg/day

Animal ID	Cells[1]				Casts[2]						Others
	Epithelial Cells	RBC	WBC		Hyaline	Granular	Epithelial	RBC	WBC		
1010260010	-	-	-		-	-	-	-	-		-
1010260017	R	-	-		-	-	-	-	-		-
1010260011	R	-	-		-	-	-	-	-		-
1010260030	R	-	-		-	-	-	-	-		-
1010260012	R	-	-		-	-	-	-	-		-
1010260050	R	-	-		-	-	-	-	-		-
1010260024	R	-	-		-	-	-	-	-		-
1010260037	R	-	-		-	-	-	-	-		-
1010260001	O	-	-		-	-	-	-	-		-
1010260003	R	-	-		-	-	-	-	-		-

(Continue)

Animal ID	Crystals1								Microbes3		
	Uric Acid	Leucine /Tyrosine	Cystine	Calcium Oxalate	Hippuric Acid	Ammonium Biurate	Triple Phosphate		Bacteria	Yeast	Trichomonas Vaginalis
1010260010	-	-	-	-	-	-	-		N	-	-
1010260017	-	-	-	-	-	-	F		N	-	-
1010260011	-	-	-	-	-	-	-		N	-	-
1010260030	-	-	-	-	-	-	-		N	-	-
1010260012	-	-	-	-	-	-	-		N	-	-
1010260050	-	-	-	-	-	-	-		N	-	-
1010260024	-	-	-	-	-	-	-		N	-	-
1010260037	-	-	-	-	-	-	O		N	-	-
1010260001	-	-	-	-	-	-	F		N	-	-
1010260003	-	-	-	-	-	-	Mo		N	-	-

1. Estimate average number per high-power field(400 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
2. Estimate average number per low-power field(100 X) and report in terms of R(rare), O(occasional), F(few), Mo(moderate), M(many), T(too numerous to count).
3. Estimate average number per high-power field(400 X) and report in terms of N(negative), L(light), Mo(moderate), H(heavy).

- : Not detectable

Prepared by: Min Chen Wang Dec. 17, 2001

Checked by: Yih Min Tzeng Dec. 18, 2001

☐ Individual Animal Data on Hematology
個別試驗動物血液學數據

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Hematology

個別試驗動物血液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Study Day :SD 29 **Sex: Male**

Group	Animal I.D.	Dose ml/kg/day	WBCs ($10^3/mm^3$)	RBCs ($10^6/mm^3$)	Hb (g/dl)	HCT (%)	MCV (μm^3)	MCH (pg)	MCHC (%)	PLT ($10^3/mm^3$)
1	1010261005	0	7.7	7.43	15.1	45.5	61.3	20.3	33.2	938
	1010261023	0	8.3	7.25	15.1	44.7	61.7	20.8	33.8	888
	1010261017	0	5.4	6.88	14.8	44.0	63.9	21.5	33.6	872
	1010261029	0	8.2	7.34	14.7	45.0	61.3	20.0	32.7	1024
	1010261022	0	8.2	7.91	15.5	46.8	59.2	19.6	33.1	897
	1010261034	0	5.1	7.29	14.2	43.1	59.1	19.5	32.9	827
	1010261027	0	5.5	7.43	15.7	46.6	62.7	21.1	33.7	913
	1010261035	0	8.1	7.14	14.4	44.3	62.1	20.2	32.5	943
	1010261015	0	6.4	7.75	15.4	47.0	60.7	19.9	32.8	955
	1010261041	0	6.2	8.39	15.4	47.7	56.9	18.4	32.3	886
	N		10	10	10	10	10	10	10	10
	Mean		6.91	7.48	15.03	45.47	60.89	20.13	33.06	914.3
	SD		1.32	0.43	0.49	1.50	2.02	0.88	0.51	54.0
	SEM		0.42	0.14	0.16	0.48	0.64	0.28	0.16	17.1

Key: WBCs=White Blood Cells ($mm^3 = \mu l$)
RBCs=Red Blood Cells ($mm^3 = \mu l$)
Hb=Hemoglobin
HCT=Hematocrit
MCV=Mean Corpuscular Volume
MCH=Mean Corpuscular Hemoglobin
MCHC=Mean Corpuscular Hemoglobin Concentration
PLT=Platelet

Prepared by: Pi-Sheng Wang Mar. 28, 2002

Checked by: HCC Mar. 28. 2002.

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Hematology

Individual Animal Data on Hematology

個別試驗動物血液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Study Day :SD 29 **Sex: Male**

Group	Animal I.D.	Dose ml/kg/day	WBCs ($10^3/mm^3$)	RBCs ($10^6/mm^3$)	Hb (g/dl)	HCT (%)	MCV (μm^3)	MCH (pg)	MCHC (%)	PLT ($10^3/mm^3$)
2	1010261024	1.5	9.6	7.78	14.9	44.4	57.1	19.2	33.6	931
	1010261044	1.5	8.0	7.51	14.7	45.1	60.0	19.6	32.6	852
	1010261003	1.5	6.2	7.24	15.0	45.2	62.4	20.7	33.2	907
	1010261028	1.5	6.9	7.53	15.6	47.4	63.0	20.7	32.9	876
	1010261016	1.5	6.2	7.06	14.2	43.1	61.1	20.1	32.9	819
	1010261037	1.5	9.4	7.58	15.1	45.0	59.4	19.9	33.6	938
	1010261010	1.5	6.0	7.50	14.9	44.4	59.2	19.9	33.6	885
	1010261046	1.5	4.3	7.76	14.9	46.0	59.3	19.2	32.4	948
	1010261047	1.5	8.8	7.83	14.7	45.1	57.6	18.8	32.6	989
	1010261049	1.5	6.4	7.40	14.3	43.4	58.7	19.3	32.9	896
	N		10	10	10	10	10	10	10	10
	Mean		7.18	7.52	14.83	44.91	59.78	19.74	33.03	904.1
	SD		1.71	0.24	0.40	1.23	1.91	0.64	0.45	49.7
	SEM		0.54	0.08	0.13	0.39	0.60	0.20	0.14	15.7

Key: WBCs=White Blood Cells ($mm^3 = \mu l$)
RBCs=Red Blood Cells ($mm^3 = \mu l$)
Hb=Hemoglobin
HCT=Hematocrit
MCV=Mean Corpuscular Volume
MCH=Mean Corpuscular Hemoglobin
MCHC=Mean Corpuscular Hemoglobin Concentration
PLT=Platelet

Prepared by: Di-Shang Wang Dec. 18, 2001

Checked by: Yu-hsi Yang Dec 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Hematology

個別試驗動物血液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Study Day :SD 29 **Sex: Male**

Group	Animal I.D.	Dose ml/kg/day	WBCs ($10^3/mm^3$)	RBCs ($10^6/mm^3$)	Hb (g/dl)	HCT (%)	MCV (μm^3)	MCH (pg)	MCHC (%)	PLT ($10^3/mm^3$)
3	1010261020	5	9.4	7.62	13.7	44.5	58.4	18.0	30.8	960
	1010261030	5	8.1	7.81	15.5	47.4	60.7	19.8	32.7	1021
	1010261001	5	6.0	6.76	13.9	42.6	63.0	20.6	32.6	962
	1010261042	5	5.8	7.36	15.3	46.4	63.1	20.8	33.0	892
	1010261002	5	5.9	7.30	14.6	44.3	60.7	20.0	33.0	854
	1010261013	5	7.7	7.97	15.4	47.2	59.2	19.3	32.6	900
	1010261026	5	6.8	7.36	15.0	45.6	61.9	20.4	32.9	899
	1010261031	5	7.5	7.69	15.7	47.7	62.0	20.4	32.9	911
	1010261011	5	6.4	8.13	15.0	46.7	57.5	18.5	32.1	933
	1010261019	5	6.6	7.82	15.1	46.0	58.8	19.3	32.8	862
	N		10	10	10	10	10	10	10	10
	Mean		7.02	7.58	14.92	45.84	60.53	19.71	32.54	919.4
	SD		1.15	0.40	0.67	1.62	1.98	0.93	0.67	50.7
	SEM		0.36	0.13	0.21	0.51	0.63	0.29	0.21	16.0

Key: WBCs=White Blood Cells ($mm^3 = \mu l$)
RBCs=Red Blood Cells ($mm^3 = \mu l$)
Hb=Hemoglobin
HCT=Hematocrit
MCV=Mean Corpuscular Volume
MCH=Mean Corpuscular Hemoglobin
MCHC=Mean Corpuscular Hemoglobin Concentration
PLT=Platelet

Prepared by: Di-Sheng Wang Dec. 18, 2001

Checked by: Yu-hui Yang Dec 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重複劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Hematology

個別試驗動物血液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Study Day :SD 29 **Sex: Male**

Group	Animal I.D.	Dose ml/kg/day	WBCs ($10^3/mm^3$)	RBCs ($10^6/mm^3$)	Hb (g/dl)	HCT (%)	MCV (μm^3)	MCH (pg)	MCHC (%)	PLT ($10^3/mm^3$)
4	1010261004	15	9.5	8.37	15.4	49.6	59.2	18.4	31.0	1219
	1010261050	15	12.6	7.92	15.7	47.4	59.8	19.8	33.1	916
	1010261045	15	9.5	7.98	15.7	47.0	58.9	19.7	33.4	1097
	1010261048	15	6.0	7.41	14.2	43.8	59.1	19.2	32.4	1157
	1010261038	15	7.9	8.09	15.6	48.4	59.8	19.3	32.2	946
	1010261043	15	11.8	7.77	14.8	46.4	59.7	19.0	31.9	993
	1010261007	15	8.2	8.07	15.2	47.6	59.0	18.8	31.9	1128
	1010261021	15	8.9	7.62	14.8	45.8	60.1	19.4	32.3	1090
	1010261012	15	8.9	7.62	14.9	46.2	60.6	19.6	32.3	902
	1010261040	15	9.7	7.94	15.5	47.2	59.5	19.5	32.8	947
	N		10	10	10	10	10	10	10	10
	Mean		9.30	7.88	15.18	46.94	59.57	19.27	32.33	1039.5
	SD		1.88	0.28	0.49	1.56	0.54	0.43	0.68	112.2
	SEM		0.59	0.09	0.16	0.49	0.17	0.14	0.21	35.5

Key: WBCs=White Blood Cells ($mm^3 = \mu l$)
RBCs=Red Blood Cells ($mm^3 = \mu l$)
Hb=Hemoglobin
HCT=Hematocrit
MCV=Mean Corpuscular Volume
MCH=Mean Corpuscular Hemoglobin
MCHC=Mean Corpuscular Hemoglobin Concentration
PLT=Platelet

Prepared by: Di-Shong Wang Dec. 18, 2001

Checked by: Yu-hi Yang Dec 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Hematology

個別試驗動物血液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Study Day :SD 29 **Sex: Female**

Group	Animal I.D.	Dose ml/kg/day	WBCs ($10^3/mm^3$)	RBCs ($10^6/mm^3$)	Hb (g/dl)	HCT (%)	MCV (μm^3)	MCH (pg)	MCHC (%)	PLT ($10^3/mm^3$)
1	1010260035	0	4.4	7.09	14.9	44.1	62.2	21.0	33.8	928
	1010260046	0	3.6	6.63	13.8	40.4	61.0	20.8	34.2	919
	1010260004	0	5.6	7.40	14.8	43.8	59.2	20.0	33.8	992
	1010260034	0	3.3	7.16	14.7	43.2	60.4	20.5	34.0	633
	1010260038	0	3.4	7.20	14.6	43.6	60.5	20.3	33.5	885
	1010260042	0	3.4	7.35	14.4	43.7	59.4	19.6	33.0	987
	1010260015	0	3.6	7.47	14.3	43.8	58.7	19.1	32.6	928
	1010260031	0	3.7	7.37	14.8	43.6	59.2	20.1	33.9	807
	1010260013	0	3.4	7.36	14.6	43.0	58.4	19.8	34.0	1023
	1010260045	0	3.3	7.39	14.6	43.2	58.4	19.8	33.8	966
	N		10	10	10	10	10	10	10	10
	Mean		3.77	7.24	14.55	43.24	59.74	20.10	33.66	906.8
	SD		0.72	0.25	0.32	1.05	1.25	0.57	0.50	114.1
	SEM		0.23	0.08	0.10	0.33	0.39	0.18	0.16	36.1

Key: WBCs=White Blood Cells ($mm^3 = \mu l$)
RBCs=Red Blood Cells ($mm^3 = \mu l$)
Hb=Hemoglobin
HCT=Hematocrit
MCV=Mean Corpuscular Volume
MCH=Mean Corpuscular Hemoglobin
MCHC=Mean Corpuscular Hemoglobin Concentration
PLT=Platelet

Prepared by: Di-Sheng Wang Dec. 18, 2001

Checked by: Yu-hui Yang Dec 18. 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)
大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)
Individual Animal Data on Hematology

Individual Animal Data on Hematology
個別試驗動物血液學數據

Project Code: DV-TA00199 **Study No: SA00032**
Study Day :SD 29 **Sex: Female**

Group	Animal I.D.	Dose ml/kg/day	WBCs ($10^3/mm^3$)	RBCs ($10^6/mm^3$)	Hb (g/dl)	HCT (%)	MCV (μm^3)	MCH (pg)	MCHC (%)	PLT ($10^3/mm^3$)
2	1010260019	1.5	5.1	7.82	15.4	45.4	58.0	19.7	33.9	1037
	1010260026	1.5	4.6	7.66	15.3	45.3	59.2	20.0	33.8	906
	1010260008	1.5	4.3	7.20	14.7	44.1	61.3	20.4	33.3	860
	*1010260027	1.5	*4.6	*6.87	*13.6	*40.2	*58.5	*19.8	*33.8	*581
	1010260040	1.5	3.4	7.30	14.7	43.4	59.4	20.1	33.9	702
	1010260041	1.5	3.5	7.07	14.0	41.4	58.5	19.8	33.8	954
	1010260020	1.5	4.0	7.76	14.6	44.8	57.7	18.8	32.6	1019
	1010260036	1.5	5.0	7.55	15.4	44.2	58.5	20.4	34.8	975
	1010260025	1.5	4.4	6.88	14.1	40.4	58.7	20.5	34.9	780
	1010260033	1.5	4.2	7.21	14.6	43.1	59.8	20.2	33.9	1143
	N		9	9	9	9	9	9	9	9
	Mean		4.28	7.38	14.76	43.57	59.01	19.99	33.88	930.7
	SD		0.59	0.33	0.52	1.72	1.08	0.52	0.70	135.7
	SEM		0.20	0.11	0.17	0.57	0.36	0.17	0.23	45.2

*: Sample coagulated

Key: WBCs=White Blood Cells ($mm^3 = \mu l$)
RBCs=Red Blood Cells ($mm^3 = \mu l$)
Hb=Hemoglobin
HCT=Hematocrit
MCV=Mean Corpuscular Volume
MCH=Mean Corpuscular Hemoglobin
MCHC=Mean Corpuscular Hemoglobin Concentration
PLT=Platelet

Prepared by: [illegible] Dec. 18, 2001 Checked by: [illegible] Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Hematology

個別試驗動物血液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Study Day :SD 29 **Sex: Female**

Group	Animal I.D.	Dose ml/kg/day	WBCs ($10^3/mm^3$)	RBCs ($10^6/mm^3$)	Hb (g/dl)	HCT (%)	MCV (μm^3)	MCH (pg)	MCHC (%)	PLT ($10^3/mm^3$)
3	1010260009	5	3.6	7.39	15.0	45.2	61.1	20.3	33.2	948
	1010260044	5	4.2	7.09	14.0	42.0	59.2	19.7	33.3	863
	1010260029	5	3.4	7.43	15.0	45.0	60.6	20.2	33.3	882
	1010260043	5	2.9	7.65	15.4	45.2	59.1	20.1	34.1	883
	1010260016	5	3.6	7.39	14.4	43.7	59.2	19.5	33.0	1092
	1010260021	5	4.5	7.42	14.6	43.7	58.9	19.7	33.4	1136
	1010260006	5	2.5	7.15	13.9	41.5	58.0	19.4	33.5	995
	1010260023	5	5.4	7.73	14.7	45.4	58.7	19.0	32.4	851
	1010260014	5	3.8	7.21	14.6	43.3	60.1	20.2	33.7	975
	1010260049	5	3.6	6.77	14.1	41.3	61.0	20.8	34.1	789
	N		10	10	10	10	10	10	10	10
	Mean		3.75	7.32	14.57	43.63	59.59	19.89	33.40	941.4
	SD		0.81	0.28	0.48	1.59	1.05	0.53	0.51	110.1
	SEM		0.26	0.09	0.15	0.50	0.33	0.17	0.16	34.8

Key: WBCs=White Blood Cells ($mm^3 = \mu l$)
RBCs=Red Blood Cells ($mm^3 = \mu l$)
Hb=Hemoglobin
HCT=Hematocrit
MCV=Mean Corpuscular Volume
MCH=Mean Corpuscular Hemoglobin
MCHC=Mean Corpuscular Hemoglobin Concentration
PLT=Platelet

Prepared by: Di-Sheng Wang Dec. 18, 2001

Checked by: Yu-hi Yang Dec 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Hematology

個別試驗動物血液學數據

Project Code: DV-TA00199 **Study No: SA00032**

Study Day :SD 29 **Sex: Female**

Group	Animal I.D.	Dose ml/kg/day	WBCs ($10^3/mm^3$)	RBCs ($10^6/mm^3$)	Hb (g/dl)	HCT (%)	MCV (μm^3)	MCH (pg)	MCHC (%)	PLT ($10^3/mm^3$)
4	1010260010	15	5.0	7.43	15.1	44.7	60.1	20.3	33.8	1080
	1010260017	15	3.7	6.84	13.8	41.0	60.0	20.2	33.7	1048
	1010260011	15	4.1	7.47	14.3	44.4	59.4	19.1	32.2	963
	1010260030	15	4.3	7.37	13.9	41.9	56.9	18.9	33.2	1099
	1010260012	15	2.1	7.79	14.2	43.1	55.3	18.2	32.9	958
	1010260050	15	2.8	7.65	15.3	46.1	60.3	20.0	33.2	965
	1010260024	15	5.0	7.98	15.3	45.6	57.1	19.2	33.6	971
	1010260037	15	4.9	7.02	14.1	41.3	58.9	20.1	34.1	969
	1010260001	15	4.2	7.46	15.2	45.4	60.9	20.4	33.5	1122
	1010260003	15	4.9	6.85	14.1	41.2	60.2	20.6	34.2	972
	N		10	10	10	10	10	10	10	10
	Mean		4.10	7.39	14.53	43.47	58.91	19.70	33.44	1014.7
	SD		0.99	0.38	0.62	2.00	1.85	0.79	0.59	65.1
	SEM		0.31	0.12	0.19	0.63	0.58	0.25	0.19	20.6

Key: WBCs=White Blood Cells ($mm^3 = \mu l$)
RBCs=Red Blood Cells ($mm^3 = \mu l$)
Hb=Hemoglobin
HCT=Hematocrit
MCV=Mean Corpuscular Volume
MCH=Mean Corpuscular Hemoglobin
MCHC=Mean Corpuscular Hemoglobin Concentration
PLT=Platelet

Prepared by: Pi-Shang Wang Dec. 18, 2001

Checked by: Yi-hsi Yang Dec 18, 2001

☐ **Individual Animal Data on Hematology—Coagulation Analysis**
個別試驗動物血液學數據 – 血液凝固分析

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Hematology - Coagulation Analysis

個別試驗動物血液學數據 - 血液凝固分析

Project Code: DV-TA00199 Study No: SA00032

Days on Test :SD 29 Male

Group	Animal I.D.	Dose ml/kg/day	PT (sec)	APTT (sec)
1	1010261005	0	14.6	21.0
	1010261023	0	14.8	21.4
	1010261017	0	15.3	17.1
	1010261029	0	14.6	18.9
	1010261022	0	15.2	17.3
	1010261034	0	16.2	16.1
	1010261027	0	18.6	25.2
	1010261035	0	15.5	22.1
	1010261015	0	14.7	20.3
	1010261041	0	18.4	22.8
	N		10	10
	Mean		15.8	20.2
	SD		1.5	2.9
	SEM		0.5	0.9
2	1010261024	1.5	15.9	18.3
	1010261044	1.5	16.0	19.6
	1010261003	1.5	19.6	25.0
	1010261028	1.5	14.9	24.5
	1010261016	1.5	16.0	19.1
	1010261037	1.5	15.5	20.6
	1010261010	1.5	15.2	19.6
	1010261046	1.5	15.6	19.1
	1010261047	1.5	14.8	21.8
	1010261049	1.5	17.1	23.7
	N		10	10
	Mean		16.1	21.1
	SD		1.4	2.5
	SEM		0.5	0.8

<CONTINUE>

Key: PT = Prothrombin time

APTT = Activated partial thromboplastine time

Prepared by: Yu-hi Yang Dec 18. 2001

Checked by: Di-Sheng Wang Dec 18 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Hematology - Coagulation Analysis

個別試驗動物血液學數據 - 血液凝固分析

Project Code: DV-TA00199 Study No: SA00032

Days on Test :SD 29 Male

Group	Animal I.D.	Dose ml/kg/day	PT (sec)	APTT (sec)
3	1010261020	5	16.2	22.3
	1010261030	5	15.1	21.6
	1010261001	5	17.0	22.1
	1010261042	5	17.1	22.1
	1010261002	5	16.4	19.7
	1010261013	5	17.3	24.6
	1010261026	5	14.3	23.7
	1010261031	5	15.5	19.0
	1010261011	5	19.1	25.9
	1010261019	5	17.1	26.8
	N		10	10
	Mean		16.5	22.8
	SD		1.3	2.5
	SEM		0.4	0.8
4	1010261004	15	14.6	21.1
	1010261050	15	14.5	21.0
	1010261045	15	14.7	19.9
	1010261048	15	16.5	22.6
	1010261038	15	16.8	23.7
	1010261043	15	14.8	21.8
	1010261007	15	18.6	25.9
	1010261021	15	14.9	19.0
	1010261012	15	16.6	24.1
	1010261040	15	15.6	23.5
	N		10	10
	Mean		15.8	22.3
	SD		1.3	2.1
	SEM		0.4	0.7

<END>

Key: PT = Prothrombin time

APTT = Activated partial thromboplastine time

Prepared by: yu-hui yang Dec 18, 2001

Checked by: [illegible] Dec 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Hematology - Coagulation Analysis

個別試驗動物血液學數據 - 血液凝固分析

Project Code: DV-TA00199 Study No: SA00032

Days on Test :SD 29 Female

Group	Animal I.D.	Dose ml/kg/day	PT (sec)	APTT (sec)
1	1010260035	0	15.5	18.3
	1010260046	0	14.0	14.8
	1010260004	0	14.3	18.1
	1010260034	0	17.3	15.7
	1010260038	0	14.5	16.6
	1010260042	0	14.8	15.2
	1010260015	0	14.4	17.0
	1010260031	0	14.0	17.8
	1010260013	0	15.9	13.1
	1010260045	0	15.5	14.4
	N		10	10
	Mean		15.0	16.1
	SD		1.0	1.7
	SEM		0.3	0.6
2	1010260019	1.5	15.0	16.1
	1010260026	1.5	14.4	17.0
	1010260008	1.5	16.0	14.3
	1010260027	1.5	20.6*	33.4*
	1010260040	1.5	16.1	14.3
	1010260041	1.5	13.9	20.9
	1010260020	1.5	15.5	17.6
	1010260036	1.5	15.0	14.3
	1010260025	1.5	15.5	15.6
	1010260033	1.5	14.3	17.0
	N		9	9
	Mean		15.1	16.3
	SD		0.8	2.1
	SEM		0.3	0.7

<CONTINUE>

*:Slight Coagulation

Key: PT = Prothrombin time
APTT = Activated partial thromboplastine time

Prepared by: Yu-hui Yang Dec 18, 2001
Checked by: Pei-Sheng Wang Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Hematology - Coagulation Analysis

個別試驗動物血液學數據 - 血液凝固分析

Project Code: DV-TA00199 Study No: SA00032

Days on Test :SD 29 Female

Group	Animal I.D.	Dose ml/kg/day	PT (sec)	APTT (sec)
3	1010260009	5	15.6	17.9
	1010260044	5	14.7	14.8
	1010260029	5	14.4	19.0
	1010260043	5	15.3	15.5
	1010260016	5	15.0	17.9
	1010260021	5	16.5	14.8
	1010260006	5	19.1*	23.8*
	1010260023	5	14.0	20.4
	1010260014	5	14.3	18.7
	1010260049	5	14.2	18.4
	N		9	9
	Mean		14.9	17.5
	SD		0.8	2.0
	SEM		0.3	0.7
4	1010260010	15	15.3	17.3
	1010260017	15	16.8	19.5
	1010260011	15	16.0	17.2
	1010260030	15	16.2	16.6
	1010260012	15	15.6	16.7
	1010260050	15	13.8	17.0
	1010260024	15	15.6	17.3
	1010260037	15	15.6	18.3
	1010260001	15	14.1	16.8
	1010260003	15	15.5	16.8
	N		10	10
	Mean		15.5	17.4
	SD		0.9	0.9
	SEM		0.3	0.3

<END>

*:Slight Coagulation

Key: PT = Prothrombin time

APTT = Activated partial thromboplastine time

Prepared by: Yu-hui Yang Dec 18, 2001

Checked by: Di-Sheng Wu Dec. 18, 2001

☐ **Individual Animal Data on Hematology—White Blood Cells Differential Count**
個別試驗動物血液學數據 – 白血球分類計數

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)
大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Hematology - WBC differential count
個別試驗動物血液學數據-白血球分類計數

Code: DV-TA00199 Study No: SA00032

Male

Group 1 0 ml/kg/day

Animal I.D.	Band (%)	Neu (%)	Eos (%)	Baso (%)	Mono (%)	Lym (%)	Granulocytes (%)	NRBC/100 WBC	Remarks
1010261005	0	8	0	0	5	87	8	0	
1010261023	0	7	0	0	1	92	7	0	
1010261017	0	16	0	0	4	80	16	0	
1010261029	0	3	1	0	0	96	4	0	
1010261022	0	6	1	0	1	92	7	0	
1010261034	0	7	0	0	3	90	7	0	
1010261027	0	8	0	0	3	89	8	0	
1010261035	0	5	1	0	6	88	6	0	
1010261015	0	8	1	0	6	85	9	0	
1010261041	0	14	0	0	3	83	14	0	
N	10	10	10	10	10	10	10	10	
Mean	0.0	8.2	0.4	0.0	3.2	88.2	8.6	0.0	
SD	0.0	3.9	0.5	0.0	2.1	4.7	3.7	0.0	

Group 2 1.5 ml/kg/day

Animal I.D.	Band (%)	Neu (%)	Eos (%)	Baso (%)	Mono (%)	Lym (%)	Granulocytes (%)	NRBC/100 WBC	Remarks
1010261024	0	5	0	0	0	95	5	0	
1010261044	0	5	0	0	1	94	5	0	
1010261003	0	10	1	0	5	84	11	0	
1010261028	0	13	0	0	3	84	13	0	
1010261016	0	4	0	0	2	94	4	1	
1010261037	0	2	1	0	2	95	3	0	
1010261010	0	9	0	0	3	88	9	0	
1010261046	0	5	0	0	4	91	5	0	
1010261047	0	19	0	0	4	77	19	0	
1010261049	0	15	0	0	1	84	15	0	
N	10	10	10	10	10	10	10	10	
Mean	0.0	8.7	0.2	0.0	2.5	88.6	8.9	0.1	
SD	0.0	5.5	0.4	0.0	1.6	6.2	5.4	0.3	

Group 3 5 ml/kg/day

Animal I.D.	Band (%)	Neu (%)	Eos (%)	Baso (%)	Mono (%)	Lym (%)	Granulocytes (%)	NRBC/100 WBC	Remarks
1010261020	0	9	0	0	2	89	9	0	
1010261030	0	11	0	0	3	86	11	0	
1010261001	0	12	0	0	8	80	12	0	
1010261042	0	6	0	0	0	94	6	0	
1010261002	0	5	1	0	3	91	6	0	
1010261013	0	13	0	0	3	84	13	0	
1010261026	0	4	0	0	4	92	4	0	
1010261031	0	7	0	0	1	92	7	0	
1010261011	0	11	0	0	2	87	11	0	
1010261019	0	6	0	0	0	94	6	0	
N	10	10	10	10	10	10	10	10	
Mean	0	8.4	0.1	0.0	2.6	88.9	8.5	0.0	
SD	0	3.2	0.3	0.0	2.3	4.6	3.1	0.0	

Group 4 15 ml/kg/day

Animal I.D.	Band (%)	Neu (%)	Eos (%)	Baso (%)	Mono (%)	Lym (%)	Granulocytes (%)	NRBC/100 WBC	Remarks
1010261004	0	5	0	0	1	94	5	0	
1010261050	0	4	0	0	1	95	4	0	
1010261045	0	7	1	0	3	89	8	0	
1010261048	0	13	2	0	4	81	15	0	
1010261038	0	5	1	0	3	91	6	0	
1010261043	0	6	0	0	4	90	6	0	
1010261007	0	21	1	0	1	77	22	0	
1010261021	0	9	1	0	2	88	10	0	
1010261012	1	7	0	0	4	88	8	0	
1010261040	0	9	0	0	2	89	9	0	
N	10	10	10	10	10	10	10	10	
Mean	0.1	8.6	0 6	0.0	2.5	88.2	9.3	0.0	
SD	0.3	5.1	0.7	0.0	1.3	5.5	5.4	0.0	

Key: WBC=leukocyte, Band=band cell, Neu=neutrophil, Eos=eosinophil, Baso=basophil, Mono=monocyte, Lym=lymphocyte.

Prepared by: Ming Fen Tang Feb. 6. 2002

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28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)
大鼠28天口服重複劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data of Hematology - WBC differential count
個別試驗動物血液學數據-白血球分類計數

Code: DV-TA00199 Study No: SA00032

Female

Group 1 0 ml/kg/day

Animal I.D.	Band (%)	Neu (%)	Eos (%)	Baso (%)	Mono (%)	Lym (%)	Granulocytes (%)	NRBC/100 WBC	Remarks
1010260035	0	8	0	0	3	89	8	0	
1010260046	0	19	2	0	3	76	21	0	
1010260004	0	12	1	0	4	83	13	0	
1010260034	0	7	1	0	0	92	8	0	
1010260038	1	4	0	0	0	95	5	0	
1010260042	0	2	0	0	0	98	2	0	
1010260015	0	16	0	0	4	80	16	0	
1010260031	0	10	2	0	2	86	12	0	
1010260013	0	6	0	0	2	92	6	0	
1010260045	0	5	0	0	2	93	5	0	
N	10	10	10	10	10	10	10	10	
Mean	0.1	8.9	0.6	0.0	2.0	88.4	9.6	0.0	
SD	0.3	5.4	0.8	0.0	1.6	7.0	5.8	0.0	

Group 2 1.5 ml/kg/day

Animal I.D.	Band (%)	Neu (%)	Eos (%)	Baso (%)	Mono (%)	Lym (%)	Granulocytes (%)	NRBC/100 WBC	Remarks
1010260019	0	1	0	0	3	96	1	0	
1010260026	0	7	0	0	0	93	7	0	
1010260008	0	5	0	0	5	90	5	0	
1010260027	0	14	0	0	2	84	14	0	
1010260040	0	17	1	0	1	81	18	0	
1010260041	0	15	2	0	2	81	17	0	
1010260020	0	5	2	0	3	90	7	0	
1010260036	0	3	0	0	1	96	3	0	
1010260025	0	5	0	0	3	92	5	0	
1010260033	0	8	1	0	0	91	9	0	
N	10	10	10	10	10	10	10	10	
Mean	0.0	8.0	0.6	0.0	2.0	89.4	8.6	0.0	
SD	0.0	5.5	0.8	0.0	1.6	5.6	5.9	0.0	

Group 3 5 ml/kg/day

Animal I.D.	Band (%)	Neu (%)	Eos (%)	Baso (%)	Mono (%)	Lym (%)	Granulocytes (%)	NRBC/100 WBC	Remarks
1010260009	0	11	0	0	1	88	11	0	
1010260044	0	6	0	0	1	93	6	0	
1010260029	0	3	0	0	1	96	3	0	
1010260043	0	12	2	0	1	85	14	0	
1010260016	0	8	0	0	2	90	8	0	
1010260021	0	6	1	0	1	92	7	0	
1010260006	0	2	0	0	0	98	2	0	
1010260023	0	7	2	0	5	86	9	0	
1010260014	0	10	1	0	1	88	11	0	
1010260049	0	11	1	0	2	86	12	0	
N	10	10	10	10	10	10	10	10	
Mean	0.0	7.6	0.7	0.0	1.5	90.2	8.3	0.0	
SD	0.0	3.4	0.8	0.0	1.4	4.4	3.9	0.0	

Group 4 15 ml/kg/day

Animal I.D.	Band (%)	Neu (%)	Eos (%)	Baso (%)	Mono (%)	Lym (%)	Granulocytes (%)	NRBC/100 WBC	Remarks
1010260010	0	4	1	0	0	95	5	0	
1010260017	0	4	3	0	1	92	7	0	
1010260011	0	0	1	0	1	98	1	0	
1010260030	0	6	0	0	2	92	6	0	
1010260012	0	17	2	0	6	75	19	0	
1010260050	0	11	0	0	4	85	11	0	
1010260024	0	5	2	0	2	91	7	0	
1010260037	0	8	1	0	2	89	9	0	
1010260001	0	5	0	0	3	92	5	0	
1010260003	0	10	1	0	0	89	11	0	
N	10	10	10	10	10	10	10	10	
Mean	0.0	7.0	1.1	0.0	2.1	89.8	8.1	0.0	
SD	0.0	4.7	1.0	0.0	1.9	6.3	4.9	0.0	

Key: WBC=leukocyte, Band=band cell, Neu=neutrophil, Eos=eosinophil, Baso=basophil, Mono=monocyte, Lym=lymphocyte.

Prepared by: Ming Fu Tang Feb. 27, 2002

Checked by: Kuo Tai Tang Feb. 27. 2002

☐ **Individual Animal Data on Serum Chemistry**
個別試驗動物血清生化學數據

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Serum Biochemistry

個別試驗動物血清生化學數據

Project Code: DV-TA00199 Study No: SA00032

Days on Test : SD 29 Sex: Male

Animal ID	Dose	ALT	AST	ALP	TP	ALB	A/G	TG	CHO	LDH	CPK	GLU	BUN	UA	CRE	Ca	P	Na	K	Cl	T-BIL	D-BIL	r-GT
	ml/kg/day	U/l	U/l	U/l	g/dl	g/dl		mg/dl	mg/dl	U/l	U/l	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	m Eq/l	m Eq/l	m Eq/l	mg/dl	mg/dl	U/l
1010261005	0	30	175	219	4.8	3.1	1.8	70	60	2131	1390	168	24.6	1.0	0.8	10.5	8.1	145	4.5	97	0.01	0.03	1.4
1010261023	0	30	159	175	4.7	3.2	2.1	49	54	1615	1003	100	17.8	0.9	0.7	10.4	9.3	146	4.2	101	0.01	0.02	0.7
1010261017	0	29	190	198	4.6	3.1	2.1	59	56	2364	1523	142	19.5	1.1	0.7	10.4	9.3	145	4.0	99	0.03	0.02	0.2
1010261029	0	31	172	166	4.8	3.2	2.0	53	60	1894	1433	89	17.7	1.0	0.7	10.5	8.6	146	4.3	100	0.03	0.02	0.6
1010261022	0	20	140	140	4.4	3.0	2.1	27	50	1398	884	75	15.9	1.6	0.7	9.3	7.6	150	4.0	105	0.02	0.02	0.6
1010261034	0	31	188	166	4.7	3.0	1.8	44	55	2300	2260	88	16.2	1.0	0.7	10.4	8.7	147	4.0	104	N.D.	0.00	N.D.
1010261027	0	33	155	220	4.9	3.1	1.7	95	73	1522	1078	135	18.4	0.9	0.6	10.3	9.0	146	4.0	100	0.01	0.02	0.9
1010261035	0	34	224	129	4.8	3.0	1.7	22	62	2711	2069	87	21.0	1.2	0.8	10.4	9.1	149	4.1	104	N.D.	0.01	0.2
1010261015	0	25	164	101	4.7	3.1	1.9	66	67	1878	1216	92	13.8	1.0	0.6	10.1	7.9	145	4.4	102	0.03	0.00	0.4
1010261041	0	36	139	204	5.0	3.2	1.8	81	60	1350	959	149	15.3	1.0	0.7	10.4	8.8	143	4.3	97	0.04	0.03	0.4
N		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	9
Mean		29.9	170.6	171.8	4.74	3.10	1.90	56.6	59.7	1916.3	1381.5	112.5	18.02	1.07	0.70	10.27	8.64	146.2	4.18	100.9	0.02	0.02	0.60
SD		4.6	25.6	39.7	0.16	0.08	0.16	22.7	6.7	455.0	466.2	32.6	3.12	0.21	0.07	0.36	0.59	2.0	0.19	2.8	0.01	0.01	0.38
SEM		1.4	8.1	12.6	0.05	0.03	0.05	7.2	2.1	143.9	147.4	10.3	0.99	0.07	0.02	0.11	0.19	0.6	0.06	0.9	0.00	0.00	0.13

N.D. : Not Detectable

Prepared by : MTY Mar. 25, 2002

Checked by : Kuo Tai Yang Mar. 31, 2002

Key : ALT=Alanine aminotransferase ; AST=Aspartate aminotransferase ; ALP=Alkaline phosphatase ; TP=Total protein ; ALB=Albumin ; A/G=Albumin/Globulin(Calculated) ; TG=Triglycerides ; CHO=Cholesterol ; LDH=Lactate dehydrogenase ; CPK=Creatine phosphokinase ; GLU=Glucose ; BUN=Blood urea nitrogen ; UA=Uric acid ; CRE=Creatinine ; Ca=Calcium ; P=Phosphorus ; Na=Sodium ; K=Potassium ; Cl=Chloride ; T-BIL=Total bilirubin ; D-BIL=Direct bilirubin ; r-GT=r-Glutamyl transferase

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Serum Biochemistry

個別試驗動物血清生化學數據

roject Code: DV-TA00199 Study No: SA00032

ays on Test : SD 29 Sex: Male

nimal ID	Dose	ALT	AST	ALP	TP	ALB	A/G	TG	CHO	LDH	CPK	GLU	BUN	UA	CRE	Ca	P	Na	K	Cl	T-BIL	D-BIL	r-GT
	ml/kg/day	U/l	U/l	U/l	g/dl	g/dl		mg/dl	mg/dl	U/l	U/l	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	m Eq/l	m Eq/l	m Eq/l	mg/dl	mg/dl	U/l
)10261024	1.5	30	179	170	4.8	3.2	2.0	39	56	1985	1271	89	17.2	1.1	0.7	10.2	9.0	146	4.5	101	0.04	0.03	0.3
)10261044	1.5	33	179	167	4.6	3.1	2.1	56	67	2156	1719	88	15.9	1.0	0.7	10.3	9.3	145	4.4	101	0.02	0.00	0.5
)10261003	1.5	28	123	143	4.8	3.1	1.8	52	59	1142	799	156	21.2	0.9	0.7	9.9	8.6	146	3.9	103	0.03	0.02	1.1
)10261028	1.5	27	149	189	4.8	3.1	1.8	41	66	1652	1044	82	16.1	1.0	0.7	10.3	8.8	147	4.1	103	N.D.	0.01	N.D.
)10261016	1.5	32	129	168	4.7	3.1	1.9	84	63	1127	802	98	14.9	0.9	0.7	10.1	7.6	146	3.6	101	0.03	0.01	0.3
)10261037	1.5	37	101	205	4.7	3.1	1.9	63	52	693	524	112	16.0	0.8	0.7	10.4	8.6	146	4.2	103	0.04	0.02	0.3
)10261010	1.5	29	137	187	4.6	3.0	1.9	36	57	1280	945	99	16.4	0.9	0.7	10.0	8.6	146	3.6	101	0.05	0.03	0.8
)10261046	1.5	31	192	212	5.1	3.2	1.7	41	79	2415	1540	81	19.3	1.1	0.9	10.1	9.5	148	4.1	103	0.00	0.00	N.D.
)10261047	1.5	27	208	182	5.1	3.2	1.7	45	56	2595	1756	86	20.3	1.1	0.8	10.1	9.5	147	4.1	99	0.03	0.00	0.7
)10261049	1.5	26	121	165	5.1	3.3	1.8	92	63	919	638	79	14.2	0.8	0.7	10.4	9.0	146	4.6	101	0.01	0.00	0.8
N		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	8
Mean		30.0	151.8	178.8	4.83	3.14	1.86	54.9	61.8	1596.4	1103.8	97.0	17.15	0.96	0.73	10.18	8.85	146.3	4.11	101.6	0.03	0.01	0.60
SD		3.4	35.5	20.5	0.20	0.08	0.13	19.4	7.7	661.4	445.7	23.1	2.34	0.12	0.07	0.17	0.56	0.8	0.34	1.3	0.02	0.01	0.30
SEM		1.1	11.2	6.5	0.06	0.03	0.04	6.1	2.4	209.1	140.9	7.3	0.74	0.04	0.02	0.05	0.18	0.3	0.11	0.4	0.01	0.00	0.11

.D. : Not Detectable

epared by : MTY Mar. 27, 2002

ecked by : Kuo Tai Tang Mar. 27, 2002

Key : ALT=Alanine aminotransferase ; AST=Aspartate aminotransferase ; ALP=Alkaline phosphatase ; TP=Total protein ; ALB=Albumin ; A/G=Albumin/Globulin(Calculated) ; TG=Triglycerides ; CHO=Cholesterol ; LDH=Lactate dehydrogenase ; CPK=Creatine phosphokinase ; GLU=Glucose ; BUN=Blood urea nitrogen ; UA=Uric acid ; CRE=Creatinine ; Ca=Calcium ; P=Phosphorus ; Na=Sodium ; K=Potassium ; Cl=Chloride ; T-BIL=Total bilirubin ; D-BIL=Direct bilirubin ; r-GT=r-Glutamyl transferase

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Serum Biochemistry

個別試驗動物血清生化學數據

Project Code: DV-TA00199 Study No: SA00032

Days on Test : SD 29 Sex: Male

Animal ID	Dose	ALT	AST	ALP	TP	ALB	A/G	TG	CHO	LDH	CPK	GLU	BUN	UA	CRE	Ca	P	Na	K	Cl	T-BIL	D-BIL	r-GT
	ml/kg/day	U/l	U/l	U/l	g/dl	g/dl		mg/dl	mg/dl	U/l	U/l	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	m Eq/l	m Eq/l	m Eq/l	mg/dl	mg/dl	U/l
1010261020	5	29	176	149	4.8	3.2	2.0	67	52	2177	1500	72	14.1	1.0	0.7	10.3	9.7	145	4.5	100	0.03	0.02	1.1
1010261030	5	32	170	217	4.9	3.2	1.9	71	69	1738	1158	95	16.7	0.9	0.7	10.5	9.5	146	4.1	101	0.03	0.01	0.7
1010261001	5	28	131	183	4.7	3.0	1.8	46	60	1298	838	148	21.4	1.0	0.8	10.2	9.1	147	4.4	103	0.01	0.01	0.7
1010261042	5	26	120	174	4.7	3.0	1.8	63	65	1145	675	143	18.1	0.9	0.7	10.2	9.3	146	3.9	102	0.03	0.02	0.4
1010261002	5	28	151	150	4.7	3.0	1.8	35	79	1748	1000	103	20.0	1.1	0.8	10.2	9.3	149	3.7	103	0.01	0.02	0.6
1010261013	5	27	123	149	5.2	3.3	1.7	116	67	978	683	82	15.9	0.9	0.7	10.3	8.5	148	4.0	103	0.01	0.01	0.7
1010261026	5	35	117	199	4.7	3.1	1.9	57	64	847	553	95	16.0	0.9	0.6	10.4	8.1	147	3.5	102	0.03	0.01	0.6
1010261031	5	26	113	139	4.9	3.2	1.9	28	69	866	635	100	19.5	0.9	0.7	10.4	8.3	149	3.6	107	0.00	0.01	0.2
1010261011	5	32	126	121	4.9	3.1	1.7	35	60	1059	793	103	14.5	1.0	0.6	10.1	8.3	147	4.3	105	0.03	0.03	0.4
1010261019	5	28	121	182	4.8	3.2	2.0	20	60	1067	720	79	14.2	1.0	0.6	9.9	8.3	148	4.1	106	0.01	0.01	0.6
N		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Mean		29.1	134.8	166.3	4.83	3.13	1.85	53.8	64.5	1292.3	855.5	102.0	17.04	0.96	0.69	10.25	8.84	147.2	4.01	103.2	0.02	0.02	0.60
SD		3.0	22.7	29.6	0.16	0.11	0.11	27.9	7.3	446.6	289.2	25.2	2.59	0.07	0.07	0.17	0.60	1.3	0.34	2.2	0.01	0.01	0.24
SEM		0.9	7.2	9.4	0.05	0.03	0.03	8.8	2.3	141.2	91.5	8.0	0.82	0.02	0.02	0.05	0.19	0.4	0.11	0.7	0.00	0.00	0.08

N.D. : Not Detectable

Prepared by : MTY Mar., 25 2002

Checked by : Kuo Tai Yang Mar. 25, 2002

Key : ALT=Alanine aminotransferase ; AST=Aspartate aminotransferase ; ALP=Alkaline phosphatase ; TP=Total protein ; ALB=Albumin ; A/G=Albumin/Globulin(Calculated) ; TG=Triglycerides ; CHO=Cholesterol ; LDH=Lactate dehydrogenase ; CPK=Creatine phosphokinase ; GLU=Glucose ; BUN=Blood urea nitrogen ; UA=Uric acid ; CRE=Creatinine ; Ca=Calcium ; P=Phosphorus ; Na=Sodium ; K=Potassium ; Cl=Chloride ; T-BIL=Total bilirubin ; D-BIL=Direct bilirubin ; r-GT=r-Glutamyl transferase

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Serum Biochemistry

個別試驗動物血清生化學數據

Project Code: DV-TA00199 Study No: SA00032

Days on Test : SD 29 Sex: Male

Animal ID	Dose	ALT	AST	ALP	TP	ALB	A/G	TG	CHO	LDH	CPK	GLU	BUN	UA	CRE	Ca	P	Na	K	Cl	T-BIL	D-BIL	r-GT
	ml/kg/day	U/l	U/l	U/l	g/dl	g/dl		mg/dl	mg/dl	U/l	U/l	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	m Eq/l	m Eq/l	m Eq/l	mg/dl	mg/dl	U/l
1010261004	15	24	122	155	4.8	3.1	1.8	61	63	1296	770	85	14.6	1.1	0.6	9.8	8.7	147	4.0	104	0.06	0.03	0.7
1010261050	15	34	194	234	5.5	3.5	1.8	37	66	1925	1239	77	20.2	1.1	0.8	10.9	9.4	145	4.7	100	0.00	0.01	0.5
1010261045	15	27	148	159	5.0	3.2	1.8	70	76	1562	1098	89	18.4	1.0	0.8	10.5	9.8	147	4.5	102	0.00	0.01	N.D.
1010261048	15	20	200	165	4.6	3.0	1.9	25	53	2614	1751	58	17.1	1.2	0.8	10.1	9.8	150	4.7	105	N.D.	0.01	0.7
1010261038	15	24	124	134	5.1	3.2	1.7	76	61	974	625	90	15.2	0.9	0.6	10.6	9.6	147	4.4	103	0.04	0.01	0.1
1010261043	15	22	87	160	4.7	3.1	1.9	42	62	432	324	94	14.9	0.8	0.6	10.6	8.6	146	4.2	104	0.03	0.02	0.1
1010261007	15	22	120	109	5.2	3.3	1.7	88	61	1115	1040	100	16.4	1.2	0.8	10.5	9.2	147	4.9	103	0.00	0.01	0.7
1010261021	15	22	87	171	4.9	3.2	1.9	73	56	576	444	105	15.7	0.9	0.6	10.4	8.3	148	3.9	105	0.03	0.02	0.8
1010261012	15	27	96	91	4.8	3.1	1.8	66	65	569	393	106	17.5	0.8	0.7	10.3	8.7	147	3.7	105	0.02	0.01	1.2
1010261040	15	31	151	141	5.0	3.3	1.9	32	60	1444	812	93	13.4	1.1	0.7	9.9	8.5	147	4.2	105	0.01	0.01	1.3
N		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	9
Mean		25.3	132.9	151.9	4.96	3.20	1.82	57.0	62.3	1250.7	849.6	89.7	16.34	1.01	0.70	10.36	9.06	147.1	4.32	103.6	0.02	0.01	0.68
SD		4.4	40.5	38.6	0.26	0.14	0.08	21.4	6.2	677.8	443.4	14.2	2.01	0.15	0.09	0.34	0.57	1.3	0.39	1.6	0.02	0.01	0.41
SEM		1.4	12.8	12.2	0.08	0.04	0.02	6.8	2.0	214.3	140.2	4.5	0.64	0.05	0.03	0.11	0.18	0.4	0.12	0.5	0.01	0.00	0.14

N.D. : Not Detectable

Prepared by : MTY Mar. 15, 2002

Checked by : Kuo Tai Yang Mar. 15. 2002

Key : ALT=Alanine aminotransferase ; AST=Aspartate aminotransferase ; ALP=Alkaline phosphatase ; TP=Total protein ; ALB=Albumin ; A/G=Albumin/Globulin(Calculated) ; TG=Triglycerides ; CHO=Cholesterol ; LDH=Lactate dehydrogenase ; CPK=Creatine phosphokinase ; GLU=Glucose ; BUN=Blood urea nitrogen ; UA=Uric acid ; CRE=Creatinine ; Ca=Calcium ; P=Phosphorus ; Na=Sodium ; K=Potassium ; Cl=Chloride ; T-BIL=Total bilirubin ; D-BIL=Direct bilirubin ; r-GT=r-Glutamyl transferase

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Serum Biochemistry

個別試驗動物血清生化學數據

Project Code: DV-TA00199 Study No: SA00032

Days on Test : SD 29 Sex: Female

Animal ID	Dose	ALT	AST	ALP	TP	ALB	A/G	TG	CHO	LDH	CPK	GLU	BUN	UA	CRE	Ca	P	Na	K	Cl	T-BIL	D-BIL	r-GT
	ml/kg/day	U/l	U/l	U/l	g/dl	g/dl		mg/dl	mg/dl	U/l	U/l	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	m Eq/l	m Eq/l	m Eq/l	mg/dl	mg/dl	U/l
1010260035	0	24	182	126	5.2	3.3	1.7	8	82	2205	1502	47	23.9	1.9	0.9	10.2	6.4	144	4.0	104	0.00	0.01	0.5
1010260046	0	26	129	97	5.3	3.6	2.1	18	73	1156	1074	111	20.5	1.2	0.8	10.5	7.2	145	3.9	105	0.01	0.00	0.7
1010260004	0	18	87	83	5.0	3.4	2.1	20	76	775	566	87	17.2	0.8	0.7	10.0	7.1	144	3.9	106	0.00	0.00	1.2
1010260034	0	25	172	123	5.0	3.3	1.9	10	93	2032	1434	85	22.6	0.9	0.8	10.5	6.5	147	3.3	105	0.03	0.00	0.7
1010260038	0	23	100	87	5.0	3.3	1.9	9	84	881	601	90	26.4	0.9	0.8	9.9	6.9	145	3.8	105	0.01	0.01	0.2
1010260042	0	23	161	70	5.4	3.6	2.0	12	78	2023	1207	87	31.2	1.1	0.9	10.0	7.5	146	3.6	106	0.03	0.01	0.5
1010260015	0	31	161	82	5.0	3.3	1.9	11	65	1793	1071	73	18.9	1.1	0.8	9.9	7.7	148	4.1	110	0.01	0.01	0.1
1010260031	0	26	129	126	4.8	3.2	2.0	6	92	1203	895	85	22.8	1.1	0.8	9.6	6.5	148	3.2	108	0.03	0.01	1.1
1010260013	0	23	113	83	5.3	3.5	1.9	9	76	1286	885	108	19.8	1.1	0.7	9.8	7.2	146	3.8	105	0.02	0.01	0.6
1010260045	0	31	189	120	5.1	3.3	1.8	9	72	2478	1647	63	27.2	1.5	0.8	10.1	8.1	148	4.1	107	0.01	0.01	0.9
N		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Mean		25.0	142.3	99.7	5.11	3.38	1.93	11.2	79.1	1583.2	1088.2	83.6	23.05	1.16	0.80	10.05	7.11	146.1	3.77	106.1	0.02	0.01	0.65
SD		3.9	35.6	21.8	0.19	0.14	0.13	4.4	8.8	595.1	366.1	19.1	4.27	0.32	0.07	0.29	0.56	1.6	0.31	1.8	0.01	0.00	0.35
SEM		1.2	11.3	6.9	0.06	0.04	0.04	1.4	2.8	188.2	115.8	6.0	1.35	0.10	0.02	0.09	0.18	0.5	0.10	0.6	0.00	0.00	0.11

N.D. : Not Detectable

Prepared by : MTY Mar. 25, 2002

Checked by : Kuo Tai Tang Mar. 25, 2002

Key : ALT=Alanine aminotransferase ; AST=Aspartate aminotransferase ; ALP=Alkaline phosphatase ; TP=Total protein ; ALB=Albumin ; A/G=Albumin/Globulin(Calculated) ; TG=Triglycerides ; CHO=Cholesterol ; LDH=Lactate dehydrogenase ; CPK=Creatine phosphokinase ; GLU=Glucose ; BUN=Blood urea nitrogen ; UA=Uric acid ; CRE=Creatinine ; Ca=Calcium ; P=Phosphorus ; Na=Sodium ; K=Potassium ; Cl=Chloride ; T-BIL=Total bilirubin ; D-BIL=Direct bilirubin ; r-GT=r-Glutamyl transferase

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Serum Biochemistry

個別試驗動物血清生化學數據

roject Code: DV-TA00199 Study No: SA00032

)ays on Test : SD 29 Sex: Female

ıimal ID	Dose	ALT	AST	ALP	TP	ALB	A/G	TG	CHO	LDH	CPK	GLU	BUN	UA	CRE	Ca	P	Na	K	Cl	T-BIL	D-BIL	r-GT
	ml/kg/day	U/l	U/l	U/l	g/dl	g/dl		mg/dl	mg/dl	U/l	U/l	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	m Eq/l	m Eq/l	m Eq/l	mg/dl	mg/dl	U/l
010260019	1.5	23	121	96	5.0	3.3	1.9	21	81	1515	860	86	21.9	0.9	0.7	10.1	6.9	145	3.7	106	0.00	0.00	0.6
010260026	1.5	22	121	111	5.1	3.3	1.8	32	93	1294	997	90	23.0	1.2	0.7	10.8	6.4	146	3.8	105	N.D.	N.D.	0.6
010260008	1.5	26	128	149	4.8	3.2	2.0	18	57	1224	727	104	23.4	0.8	0.8	9.9	6.5	144	3.7	106	0.01	0.01	0.7
010260027	1.5	31	173	72	5.8	3.8	1.9	11	65	2266	1813	87	20.8	1.1	0.8	10.1	7.2	146	3.8	105	0.00	0.00	0.1
010260040	1.5	21	98	64	5.9	3.9	2.0	14	64	964	830	96	25.3	1.3	0.9	10.4	5.9	146	3.1	104	0.02	0.01	0.4
010260041	1.5	29	87	73	5.4	3.5	1.8	8	61	571	367	92	16.0	0.9	0.8	10.1	6.3	147	3.5	107	0.01	0.01	0.9
010260020	1.5	19	92	114	5.0	3.3	1.9	13	52	998	643	118	20.0	0.8	0.7	10.1	7.6	146	4.0	107	0.05	0.02	0.9
010260036	1.5	30	136	83	5.0	3.3	1.9	16	79	1384	898	81	31.4	1.0	0.9	10.7	8.7	147	4.5	105	0.01	N.D.	0.2
010260025	1.5	22	119	107	5.4	3.5	1.8	15	71	1465	827	94	24.1	0.9	0.8	10.2	6.8	148	3.8	106	0.02	0.01	0.4
010260033	1.5	22	123	116	5.4	3.5	1.8	27	73	1464	911	162	20.7	1.1	0.8	10.4	7.9	148	4.1	105	0.01	0.00	0.9
N		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	10
Mean		24.5	119.8	98.5	5.28	3.46	1.88	17.5	69.6	1314.5	887.3	101.0	22.66	1.00	0.79	10.28	7.02	146.3	3.80	105.6	0.01	0.01	0.57
SD		4.2	24.7	26.1	0.36	0.23	0.08	7.4	12.4	444.7	370.2	23.8	4.02	0.17	0.07	0.29	0.85	1.3	0.37	1.0	0.02	0.01	0.29
SEM		1.3	7.8	8.2	0.12	0.07	0.02	2.3	3.9	140.6	117.1	7.5	1.27	0.05	0.02	0.09	0.27	0.4	0.12	0.3	0.01	0.00	0.09

D. : Not Detectable

epared by : MTY May 25, 2002

ıecked by : Kuo Tai Tang May. 25. 2002

Key : ALT=Alanine aminotransferase ; AST=Aspartate aminotransferase ; ALP=Alkaline phosphatase ; TP=Total protein ; ALB=Albumin ; A/G=Albumin/Globulin(Calculated) ; TG=Triglycerides ; CHO=Cholesterol ; LDH=Lactate dehydrogenase ; CPK=Creatine phosphokinase ; GLU=Glucose ; BUN=Blood urea nitrogen ; UA=Uric acid ; CRE=Creatinine ; Ca=Calcium ; P=Phosphorus ; Na=Sodium ; K=Potassium ; Cl=Chloride ; T-BIL=Total bilirubin ; D-BIL=Direct bilirubin ; r-GT=r-Glutamyl transferase

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Serum Biochemistry

個別試驗動物血清生化學數據

Project Code: DV-TA00199 Study No: SA00032

Days on Test : SD 29 Sex: Female

Animal ID	Dose	ALT	AST	ALP	TP	ALB	A/G	TG	CHO	LDH	CPK	GLU	BUN	UA	CRE	Ca	P	Na	K	Cl	T-BIL	D-BIL	r-GT
	ml/kg/day	U/l	U/l	U/l	g/dl	g/dl		mg/dl	mg/dl	U/l	U/l	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	m Eq/l	m Eq/l	m Eq/l	mg/dl	mg/dl	U/l
1010260009	5	27	176	118	5.4	3.5	1.8	15	87	2127	1823	87	27.0	1.5	0.9	10.2	7.7	146	4.1	105	N.D.	N.D.	0.5
1010260044	5	18	89	105	5.2	3.4	1.9	9	76	686	499	94	27.4	0.8	0.8	10.2	6.8	145	3.6	106	N.D.	0.00	0.8
1010260029	5	22	114	92	5.0	3.4	2.1	18	89	1229	731	91	23.7	0.8	0.8	10.3	6.6	145	3.8	106	0.00	0.00	0.3
1010260043	5	27	187	146	4.9	3.3	2.1	11	75	2379	1631	90	23.6	1.4	0.9	10.4	10.1	151	3.7	108	N.D.	0.00	0.8
1010260016	5	22	141	74	5.4	3.4	1.7	12	61	1783	1021	90	19.5	1.0	0.7	10.1	6.1	147	3.6	109	0.03	0.02	0.6
1010260021	5	25	191	92	5.2	3.4	1.9	7	66	2509	1373	86	22.7	1.3	0.9	9.6	7.6	147	4.2	106	0.01	0.00	0.9
1010260006	5	18	137	87	5.4	3.5	1.8	13	101	1515	933	111	23.9	0.9	0.8	10.4	7.6	147	3.7	106	0.05	0.01	0.8
1010260023	5	26	114	119	5.0	3.4	2.1	14	84	1023	610	97	20.9	0.8	0.8	10.1	7.4	148	3.4	107	0.02	0.00	1.1
1010260014	5	36	125	59	5.5	3.4	1.6	14	81	1275	715	82	20.9	1.0	0.8	10.1	6.8	148	4.1	110	N.D.	0.00	0.1
1010260049	5	29	90	65	5.4	3.6	2.0	17	84	735	403	102	25.5	0.7	0.8	10.8	7.3	147	3.4	104	0.02	0.01	0.6
N		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	9	10
Mean		25.0	136.4	95.7	5.24	3.43	1.90	13.0	80.4	1526.1	973.9	93.0	23.51	1.02	0.82	10.22	7.40	147.1	3.76	106.7	0.02	0.00	0.65
SD		5.4	37.5	26.9	0.21	0.08	0.18	3.4	11.5	654.6	486.0	8.5	2.62	0.28	0.06	0.30	1.08	1.7	0.29	1.8	0.02	0.01	0.30
SEM		1.7	11.9	8.5	0.07	0.03	0.06	1.1	3.7	207.0	153.7	2.7	0.83	0.09	0.02	0.10	0.34	0.5	0.09	0.6	0.01	0.00	0.09

N.D. : Not Detectable

Prepared by : MTY Mar. 25, 2002

Checked by : Kuo Tai Tang Mar. 25, 2002

Key : ALT=Alanine aminotransferase ; AST=Aspartate aminotransferase ; ALP=Alkaline phosphatase ; TP=Total protein ; ALB=Albumin ; A/G=Albumin/Globulin(Calculated) ; TG=Triglycerides ; CHO=Cholesterol ; LDH=Lactate dehydrogenase ; CPK=Creatine phosphokinase ; GLU=Glucose ; BUN=Blood urea nitrogen ; UA=Uric acid ; CRE=Creatinine ; Ca=Calcium ; P=Phosphorus ; Na=Sodium ; K=Potassium ; Cl=Chloride ; T-BIL=Total bilirubin ; D-BIL=Direct bilirubin ; r-GT=r-Glutamyl transferase

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Individual Animal Data on Serum Biochemistry

個別試驗動物血清生化學數據

oject Code: DV-TA00199 Study No: SA00032

ys on Test : SD 29 Sex: Female

imal ID	Dose	ALT	AST	ALP	TP	ALB	A/G	TG	CHO	LDH	CPK	GLU	BUN	UA	CRE	Ca	P	Na	K	Cl	T-BIL	D-BIL	r-GT
	ml/kg/day	U/l	U/l	U/l	g/dl	g/dl		mg/dl	mg/dl	U/l	U/l	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	m Eq/l	m Eq/l	m Eq/l	mg/dl	mg/dl	U/l
0260010	15	17	90	122	5.6	3.5	1.7	26	123	864	528	110	17.6	0.8	0.7	11.0	7.6	146	4.0	104	0.01	0.00	0.8
0260017	15	23	103	130	5.4	3.5	1.8	17	93	1125	719	90	22.0	0.8	0.7	10.8	7.2	147	3.7	105	N.D.	0.00	0.9
0260011	15	19	94	107	4.9	3.3	2.1	9	78	798	525	87	29.7	0.8	0.8	10.0	6.1	149	3.6	111	0.00	0.00	0.3
0260030	15	27	141	59	4.6	3.2	2.3	8	58	1480	931	54	21.6	1.3	0.7	10.0	8.2	146	4.6	108	0.01	0.00	0.6
0260012	15	22	118	83	4.8	3.3	2.2	7	71	1195	757	90	19.5	0.8	0.7	9.7	6.8	149	3.5	110	0.01	0.02	1.2
0260050	15	29	118	65	5.3	3.5	1.9	19	94	1234	795	98	29.3	1.1	0.9	10.3	7.1	148	4.1	107	N.D.	0.00	0.3
0260024	15	30	164	95	5.4	3.5	1.8	21	83	1878	1107	71	26.2	1.3	0.9	10.0	7.6	146	4.6	107	0.02	0.00	0.1
0260037	15	23	137	99	4.6	2.9	1.7	27	74	1594	1003	99	23.4	1.0	0.8	10.5	6.7	147	4.4	107	N.D.	0.00	N.D.
0260001	15	18	156	94	5.1	3.4	2.0	23	74	1969	1271	91	24.2	1.1	0.9	10.5	7.8	148	3.8	108	0.00	0.00	0.7
0260003	15	22	91	91	5.5	3.5	1.8	24	107	1080	490	96	24.5	0.8	0.8	10.2	7.4	147	4.1	108	0.02	0.01	0.4
N		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	10	9
Mean		23.0	121.2	94.5	5.12	3.36	1.93	18.1	85.5	1321.7	812.6	88.6	23.80	0.98	0.79	10.30	7.25	147.3	4.04	107.5	0.01	0.00	0.59
SD		4.5	27.2	22.3	0.37	0.20	0.21	7.6	19.1	398.9	263.9	15.7	3.90	0.21	0.09	0.40	0.61	1.2	0.40	2.1	0.01	0.01	0.35
SEM		1.4	8.6	7.0	0.12	0.06	0.07	2.4	6.0	126.2	83.5	5.0	1.23	0.07	0.03	0.13	0.19	0.4	0.13	0.7	0.00	0.00	0.12

). : Not Detectable

pared by : MFY Mar. 25, 2002

ecked by : Kuo Tai Yang Mar. 25, 2002

Key : ALT=Alanine aminotransferase ; AST=Aspartate aminotransferase ; ALP=Alkaline phosphatase ; TP=Total protein ; ALB=Albumin ; A/G=Albumin/Globulin(Calculated) ; TG=Triglycerides ; CHO=Cholesterol ; LDH=Lactate dehydrogenase ; CPK=Creatine phosphokinase ; GLU=Glucose ; BUN=Blood urea nitrogen ; UA=Uric acid ; CRE=Creatinine ; Ca=Calcium ; P=Phosphorus ; Na=Sodium ; K=Potassium ; Cl=Chloride ; T-BIL=Total bilirubin ; D-BIL=Direct bilirubin ; r-GT=r-Glutamyl transferase

☐ **Quality Control Values of Clinical Parameters**

臨床病理品管數據

28-Day Subacute Oral Toxicity Study in Rats - Product Code MICRSOY-20 (MS-20)
大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Project Code : DV-TA00199

Study Number : SA00032

尿液分析品管數據
Quality Control of Urinalysis

KOVA-Trol 106193 (Expiration Date 11/30/2001)

	Color	Clarity	Glu	Bil	Ket	SG	pH	Pro	Uro (EU/dl)	Nit	Blo	Leu
Target Range	Yellow	Clear	Negative	Negative	Negative	1.009～1.013	6.0～7.5	Negative	0.2～1.0	Negative	Negative	Negative
11/26/01	Yellow	Clear	Negative	Negative	Negative	1.011	7.0	Negative	0.2	Negative	Negative	Negative
11/27/01	Yellow	Clear	Negative	Negative	Negative	1.011	7.0	Negative	0.2	Negative	Negative	Negative

KOVA-Trol 112502 (Expiration Date 12/31/2002)

	Color	Clarity	Glu	Bil	Ket	SG	pH	Pro	Uro (EU/dl)	Nit	Blo	Leu
Target Range	Yellow~Green	Clear~Slightly Cloudy	Trace～2+	1+～3+	Trace～2+	1.009～1.013	7.0～8.0	Negative～1+	0.2～1.0	Positive	Negative～2+	Trace～3+
11/26/01	Yellow	Clear	1+	2+	1+	1.010	7.5	Trace	0.2	Positive	1+	1+
11/27/01	Yellow	Clear	1+	2+	2+	1.010	8.0	Trace	0.2	Positive	Trace	2+

KOVA-Trol 109683 (Expiration Date 5/31/2002)

	Color	Clarity	Glu	Bil	Ket	SG	pH	Pro	Uro (EU/dl)	Nit	Blo	Leu
Target Range	Yellow	Clear~Slightly Cloudy	2+～≧3+	2+～3+	2+～≧3+	1.009～1.013	7.0～8.0	2+～≧3+	0.2～1.0	Positive	2+～3+	1+～3+
11/26/01	Yellow	Clear	3+	3+	3+	1.011	7.5	3+	0.2	Positive	3+	2+
11/27/01	Yellow	Clear	2+	3+	3+	1.011	7.5	3+	0.2	Positive	3+	2+

Key:
Glu = Glucose
Bil = Bilirubin
Ket = Ketone
SG = Specific Gravity
Pro = Protein
Uro = Urobilinogen
Nit = Nitrate
Blo = Blood (hemoglobin)
Leu = Leukocytes

Prepared by : Tan-Fu Yuen Dec. 11, 2001

Checked by : Chia-Ming Shih Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS-20)
大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

QC Data on Hematology
血液學品管數據

Project Code: DV-TA00199 **Study NO: SA00032**

BAKER K-DIFF QC of Norm (Expiration Date: Dec. 19, 2001) **Lot No: 114**

	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT
	$10^3/mm^3$	$10^6/mm^3$	g/dl	%	μm^3	Pg	%	$10^3/mm^3$
Target Mean	9.1	4.10	12.5	35.3	86	30.5	35.5	242
Range ±	0.8	0.20	0.5	2.2	4	2.0	2.5	30
Nov. 26, 2001	8.6	4.14	12.5	36.3	87.8	30.2	34.4	214
Nov. 27, 2001	8.5	4.22	12.4	37.2	88.1	29.4	33.3	224

BAKER K-DIFF QC of Low (Expiration Date: Dec. 19, 2001) **Lot No: 114**

	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT
	$10^3/mm^3$	$10^6/mm^3$	g/dl	%	μm^3	Pg	%	$10^3/mm^3$
Target Mean	3.1	2.36	6.1	17.7	75	25.8	34.5	63
Range ±	0.4	0.15	0.4	1.5	4	2.0	3.0	15
Nov. 26, 2001	2.9	2.34	6.1	18.3	78.4	26.1	33.3	67
Nov. 27, 2001	2.9	2.37	5.9	18.7	78.9	24.9	31.6	60

BAKER K-DIFF QC of High (Expiration Date: Dec. 19, 2001) **Lot No: 114**

	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT
	$10^3/mm^3$	$10^6/mm^3$	g/dl	%	μm^3	Pg	%	$10^3/mm^3$
Target Mean	26.5	5.28	17.9	50.2	95	33.9	35.7	431
Range ±	2.4	0.28	0.5	2.8	4	2.0	2.5	60
Nov. 26, 2001	24.1	5.37	17.8	52.1	97	33.1	34.2	395
Nov. 27, 2001	24.9	5.29	18.0	51.6	97.5	34.0	34.9	403

Key: WBCs=White Blood Cells ($mm^3 = \mu l$)
RBCs=Red Blood Cells ($mm^3 = \mu l$)
Hb=Hemoglobin
HCT=Hematocrit
MCV=Mean Corpuscular Volume
MCH=Mean Corpuscular Hemoglobin
MCHC=Mean Corpuscular Hemoglobin Concentration
PLT=Platelet

Prepared by: Di-Sheng Wang Dec-18, 2001

Checked by: Qu-hui Yang Dec 18. 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS - PRODUCT CODE MICRSOY-20 (MS20)

大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Project Code: DV-TA00199 Study No: SA00032

Quality Control of Hematology - Coagulation Analysis

血液凝固分析品管數據

QC:-Dade Ci-Trol Control Level 1 (Lot. NO.: 528146/ Exp.: May 16, 2003)

QC I.D.N0.	Date:	Nov. 26, 2001	Date:	Nov. 27, 2001
	PT (sec)	APTT (sec)	PT (sec)	APTT (sec)
1	11.4	31.8	11.5	31.0
2	11.4	31.7	11.6	31.0
3	11.5	31.9	11.6	31.0
4	11.5	31.2	11.5	30.2
5	11.5	31.4	11.5	30.6
6	11.4	30.8	11.5	29.8
7	11.4	30.9	11.5	29.9
Mean	11.4	31.4	11.5	30.5
SD	0.1	0.4	0.0	0.5
cv (%)	0.5	1.4	0.4	1.7

Key: PT = Prothrombin time
APTT = Activated partial thromboplastine time

Prepared by : Yu-hi Yang Dec 18. 2001
Checked by : Di-Sheng Wang Dec. 18, 2001

28-DAY SUBACUTE ORAL TOXICITY STUDY IN RATS PRODUCT CODE MICRSOY-20 (MS-20)
大鼠28天口服重覆劑量(亞急性)毒性測試 - 代號 MICRSOY-20 (MS-20)

Project Code： DV-TA00199 **Study Number：** SA00032

血清生化分析品管數據
Quality Control on Serum Biochemistry

Test Date： Nov. 28, 2001

	ALT	AST	ALP	r-GT	T-Bil	D-Bil	TP	ALB	TG	CHO	LDH	CPK	GLU	BUN	UA	CRE	Ca	P
	U/L	U/L	U/L	U/L	mg/dl	mg/dl	g/dl	g/dl	mg/dl	mg/dl	U/L	U/L	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl	mg/dl
Control Serum I																		
Expected Values	13~21	19~27	43~55	12~24	0.58~0.98	0.2~0.4	5.9~6.5	2.7~3.5	84~96	140~158	129~169	154~194	84~96	11.7~14.5	5.2~5.8	0.9~1.3	9.1~10.5	2.8~3.6
Actual Values	18	24	52	18.5	0.85	0.26	6.3	3.2	92	156	151	184	92	13.9	5.8	1.1	10.0	3.3
Control Serum II																		
Expected Values	123~133	114~130	130~162	58.2~80.2	6.86~7.86	0.91~1 51	4.2~4.6	2.2~2 8	174~182	233~245	415~463	629~709	286~308	48.4~54.0	8.7~10.1	7.3~7.9	12.2~13.8	6.9~7.7
Actual Values	127	120	147	67.8	7.58	1.37	4.2	2.5	176	238	430	657	293	51.8	9.2	7 6	12.8	7.3

	Na	K	Cl
	m Eq/L	m Eq/L	m Eq/L
ISE-L			
Expected Values	121~129	2.4~3.2	83~91
Actual Values	125	2.8	86
ISE-H			
Expected Values	157~165	6.2~7.0	125~133
Actual Values	163	6.7	132

Control Serum I：Wako (Lot No：HM411 / Expiration Date 5/2002)
Control Serum II：Wako (Lot No：HM412 / Expiration Date 5/2002)

日立 ISE 用標準液-Low (Lot No.：032RCW / Expiration Date 3/2002)
日立 ISE 用標準液-High (Lot No.：031RCW / Expiration Date 3/2002)

Key：ALT=Alanine aminotransferase；AST=Aspartate aminotransferase；ALP=Alkaline phosphatase；TP=Total protein；ALB=Albumin；A/G=Albumin/Globulin(Calculated)；TG=Triglycerides；CHO=Cholesterol；LDH=Lactate dehydrogenase；CPK=Creatine phosphokinase；GLU=Glucose；BUN=Blood urea nitrogen；UA=Uric acid；CRE=Creatinine；Ca=Calcium；P=Phosphorus；Na=Sodium；K=Potassium；Cl=Chloride；T-BIL=Total bilirubin；D-BIL=Direct bilirubin；r-GT=r-Glutamyl transferase

Prepared by：ATY Mar. 25, 2002
Checked by：KuoTai Tang. Mar. 25, 2002

☐ **Individual Animal Data on Histopathology Evaluation**
個別試驗動物組織病理鏡檢紀錄

Keys to the abbreviations used in "Histopathology Evaluation"

Animal fate:

T = Terminal sacrifice

D = Found dead

E = Sacrificed in extremis

Tissue count:

X = Not remarkable

N = No section

M = Missing one paired organ

I = Incomplate

Lesion severity grading:

- = No observation

1 = Minimal

2 = Mild / Light

3 = Moderate

4 = Moderately severe

5 = Severe / high

P = Lesion present, severity not graded

HISTOPATHOLOGY INCIDENCE TABLE

ct Code : DV-TA00199
Study No. : SA00032
Male Rat/SD

	(GROUP 1)										(GROUP 4)									
ANIMAL ID	10105	10023	10017	10029	10022	10034	10027	10035	10015	10041	10040	10050	10045	10048	10038	10043	10037	10021	10012	10040
NECROPSIED AT STUDY DAY (SD)	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TISSUE / LESIONS | ANIMAL FATE	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ADRENAL GLAND	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
AORTA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BONE, FEMUR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BONE MARROW, FEMUR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BRAIN, FORE BRAIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BRAIN, MID BRAIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BRAIN, CEREBELLUM AND PONS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EPIDIDYMIS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ESOPHAGUS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EYE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HADERIAN GLAND	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HEART	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ESTINE-LARGE, CECUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-LARGE, COLON	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-LARGE, RECTUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, DUODENUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, ILEUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, JEJUNUM	X	X	X	X	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KIDNEY		X	X	X	X	X	X		X		X	X	X	X	X	X	X	X	X	X
Mineralization, renal tubules	1																			
Nephropathy, progressive, chronic	1							1												
LARYNX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LUNG	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LYMPH NODE, MESENTERIC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LYMPH NODE, SUBMANDIBULAR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OPTIC NERVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PANCREAS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PARATHYROID	N	N	N	N	N	N	N	N	N	N	N	X	N	N	N	N	N	N	N	N
PHARYNX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PITUITARY GLAND	X	X	X	X	X	X	X	X	X	X	X	X	X	X	N	X	X	X	X	X
PROSTATE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X
Infiltration, lymphocytic cells																	1	1		
SALIVARY GLAND, PAROTID	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SALIVARY GLAND, SUBMANDIBU	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SCIATIC NERVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MINAL VESICLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SKELETAL MUSCLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SPINAL CORD, CERVICAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SPINAL CORD, LUMBAR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

PATHOLOGIST / DATE: Hsu, Shin-yung March 19 2002

HISTOPATHOLOGY INCIDENCE TABLE

.t Code : DV-TA00199
Study No. : SA00032
Male Rat/SD

		(GROUP 1)											(GROUP 4)									
	A	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1
	N	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	I	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1
	M	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	A	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	2	2	2	2	2
	L	6	6	6	6	6	6	6	6	6	6		6	6	6	6	6	6	6	6	6	6
		1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1
	I	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	D	0	2	1	2	2	3	2	3	1	4		0	5	4	4	3	4	0	2	1	4
		5	3	7	9	2	4	7	5	5	1		4	0	5	8	8	3	7	1	2	0
NECROPSIED AT STUDY DAY (SD)		29	29	29	29	29	29	29	29	29	29		29	29	29	29	29	29	29	29	29	29
TISSUE / LESIONS | ANIMAL FATE		T	T	T	T	T	T	T	T	T	T		T	T	T	T	T	T	T	T	T	T
SPINAL CORD, THORACIC		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
SPLEEN		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
STOMACH		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
TESTIS		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
THYMUS		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
THYROID		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	N	X	X	X
TONGUE		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
TRACHEA		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
URINARY BLADDER		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X

PATHOLOGIST / DATE: Hsu. Shin-yung

2/2

HISTOPATHOLOGY INCIDENCE TABLE

i t Code : DV-TA00199
Study No. : SA00032
Female Rat/SD

	(GROUP 1)										(GROUP 4)									
ANIMAL ID	1 0 3 5	1 0 4 6	1 0 0 4	1 0 3 4	1 0 3 8	1 0 4 2	1 0 1 5	1 0 3 1	1 0 1 3	1 0 4 5	1 0 1 0	1 0 1 7	1 0 1 1	1 0 3 0	1 0 1 2	1 0 5 0	1 0 2 4	1 0 3 7	1 0 0 1	1 0 0 3
NECROPSIED AT STUDY DAY (SD)	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TISSUE / LESIONS | ANIMAL FATE	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ADRENAL GLAND	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
AORTA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BONE, FEMUR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BONE MARROW, FEMUR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BRAIN, FORE BRAIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BRAIN, MID BRAIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BRAIN, CEREBELLUM AND PONS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CERVIX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ESOPHAGUS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EYE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HADERIAN GLAND	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HEART	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
i .STINE-LARGE, CECUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-LARGE, COLON	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-LARGE, RECTUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, DUODENUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, ILEUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, JEJUNUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KIDNEY			X	X	X	X		X	X	X						X	X	X	X	X
Mineralization, renal tubules	1	1					1				1	2	2	1	1					
LARYNX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LIVER	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LUNG	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LYMPH NODE, MESENTERIC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LYMPH NODE, SUBMANDIBULAR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MAMMARY GLAND	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OPTIC NERVE	X	X	X	N	X	X	X	X	N	X	X	X	X	X	N	N	N	X	X	N
OVARY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OVIDUCT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PANCREAS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PARATHYROID	X	X	X	N	X	N	N	N	X	X	X	X	N	X	X	N	X	X	X	N
PHARYNX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PITUITARY GLAND	X	X	X	X	X	X	X	X	X	X	N	X	X	X	X	X	X	X	X	X
SALIVARY GLAND, PAROTID	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S^L.IVARY GLAND,SUBMANDIBUL	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
: ATIC NERVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SKELETAL MUSCLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SKIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SPINAL CORD, CERVICAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

PATHOLOGIST / DATE Hu. Shin-Jung
March 19. 2002

HISTOPATHOLOGY INCIDENCE TABLE

l .t Code : DV-TA00199
Study No. : SA00032
Female Rat/SD

		(GROUP 1)											(GROUP 4)									
	A	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1
	N	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	I	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1
	M	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	A	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	2	2	2	2	2
	L	6	6	6	6	6	6	6	6	6	6		6	6	6	6	6	6	6	6	6	6
		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	I	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	D	3	4	0	3	3	4	1	3	1	4		1	1	1	3	1	5	2	3	0	0
		5	6	4	4	8	2	5	1	3	5		0	7	1	0	2	0	4	7	1	3
NECROPSIED AT STUDY DAY (SD)		29	29	29	29	29	29	29	29	29	29		29	29	29	29	29	29	29	29	29	29
TISSUE / LESIONS | ANIMAL FATE		T	T	T	T	T	T	T	T	T	T		T	T	T	T	T	T	T	T	T	T
SPINAL CORD, LUMBAR		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
SPINAL CORD, THORACIC		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
SPLEEN		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
STOMACH		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
THYMUS		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
THYROID		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
TONGUE		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
TRACHEA		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
URINARY BLADDER		X	X	X	X	X	X	X	X	X	X		X	N	X	X	X	X	X	X	X	X
UTERUS		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
VAGINA		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X

PATHOLOGIST / DATE Hwa. Shin Yung

HISTOPATHOLOGY INCIDENCE TABLE

. ,ect Code : DV-TA00199
Study No. : SA00032
Male Rat/SD

ANIMAL ID	A 1 0 1 0 2 6 1 0 4 1	1 0 1 0 2 6 1 0 2 0	1 0 1 0 2 6 1 0 3 1																		
NECROPSIED AT RECOVERY DAY (RD	29	29	29																		
TISSUE / LESIONS | ANIMAL FATE	T	T	T																		
SPLEEN																					
Tissue detached, focal		1																			
THYMUS																					
Hemorrhage, focal			1																		
URINARY BLADDER																					
Adipose tissue	1																				

PATHOLOGIST / DATE: Hsu. Shin-Yung
March 19. 2002

HISTOPATHOLOGY INCIDENCE TABLE

ject Code : DV-TA00199
Study No. : SA00032
Female Rat/SD

ANIMAL ID	1015	1025
NECROPSIED AT RECOVERY DAY (RD)	29	29
TISSUE / LESIONS | ANIMAL FATE	T	T
UTERUS		
Dilatation	1	2

PATHOLOGIST / DATE: Hwa. Shim-Young
March 19 2002