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A Better Company For Your Professional Analytical Needs

Sample #: 03005040
Received: May 7 2003
Description: Astaxanthin

Finalized: May 16 2003
Print Date: May 19 2003

KATHY COUTURIER
U.S. NUTRACEUTICALS
2751 NUTRA LANE
EUSTIS , FL 32726

Client #: 13366
Phone: (352) 357-2004
Fax: (352) 483-8383

ANALYTICAL RESULTS

Results are representative of the sample(s) as submitted

ANALYSIS	RESULT	UNIT	METHOD REFERENCE
Sample 1 *Lot #021003*			
MERCURY	<0.0025	mg/100g	EPA 245.1F
BARIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
BISMUTH	<0.05	mg/100g	SW 6010 / EPA 200.7
GOLD	<0.05	mg/100g	SW 6010 / EPA 200.7
PHOSPHORUS	0.46	mg/100g	SW 6010 / EPA 200.7
SELENIUM	0.11	mg/100g	SW 6010 / EPA 200.7
SILICON	0.12	mg/100g	SW 6010 / EPA 200.7
SILVER	<0.05	mg/100g	SW 6010 / EPA 200.7
ALUMINUM	<0.05	mg/100g	SW 6010 / EPA 200.7
BERYLLIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
BORON	<0.05	mg/100g	SW 6010 / EPA 200.7
CHROMIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
LEAD	<0.05	mg/100g	SW 6010 / EPA 200.7
LIITHIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
MOLYBDENUM	<0.05	mg/100g	SW 6010 / EPA 200.7
STRONTIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
SULFUR	<0.05	mg/100g	SW 6010 / EPA 200.7
TANTALUM	<0.05	mg/100g	SW 6010 / EPA 200.7
THALLIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
TITANIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
ZINC	0.12	mg/100g	SW 6010 / EPA 200.7
ANTIMONY	<0.05	mg/100g	SW 6010 / EPA 200.7
CADMIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
COBALT	<0.05	mg/100g	SW 6010 / EPA 200.7
GALLIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
NICKEL	<0.05	mg/100g	SW 6010 / EPA 200.7
POTASSIUM	<0.05	mg/100g	SW 6010 / EPA 200.7

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Sample 1 *Lot #021003*			
RUBIDIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
SCANDIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
ARSENIC	<0.05	mg/100g	SW 6010 / EPA 200.7
CALCIUM	1.21	mg/100g	SW 6010 / EPA 200.7
COPPER	<0.05	mg/100g	SW 6010 / EPA 200.7
GERMANIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
INDIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
IRON	0.12	mg/100g	SW 6010 / EPA 200.7
MAGNESIUM	0.06	mg/100g	SW 6010 / EPA 200.7
MANGANESE	<0.05	mg/100g	SW 6010 / EPA 200.7
SODIUM	0.13	mg/100g	SW 6010 / EPA 200.7
TIN	0.12	mg/100g	SW 6010 / EPA 200.7
VANADIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
ZIRCONIUM	<0.05	mg/100g	SW 6010 / EPA 200.7
ALDRIN	nd	ppm	PAM I 3RD 302 E1
CHLORDANE	nd	ppm	PAM I 3RD 302 E1
CHLOROTHALONIL	nd	ppm	PAM I 3RD 302 E1
CHLORPYRIFOS	nd	ppm	PAM I 3RD 302 E1
DDD	nd	ppm	PAM I 3RD 302 E1
DDE	nd	ppm	PAM I 3RD 302 E1
DDT	nd	ppm	PAM I 3RD 302 E1
DIAZINON	nd	ppm	PAM I 3RD 302 E1
DIELDRIN	nd	ppm	PAM I 3RD 302 E1
ENDOSULFAN I	nd	ppm	PAM I 3RD 302 E1
ENDOSULFAN II	nd	ppm	PAM I 3RD 302 E1
ENDOSULFAN SULFATE	nd	ppm	PAM I 3RD 302 E1
ENDRIN	nd	ppm	PAM I 3RD 302 E1

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Sample #: 03005040
Received: May 7 2003
Description: Astaxanthin

Finalized: May 16 2003
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EUSTIS , FL 32726

Client #: 13366
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ANALYTICAL RESULTS

Results are representative of the sample(s) as submitted

ANALYSIS	RESULT	UNIT	METHOD REFERENCE
Sample 1 *Lot #021003*			
ETHION	nd	ppm	PAM I 3RD 302 E1
ETHYL PARATHION	nd	ppm	PAM I 3RD 302 E1
GUTHION (AZINPHOS-METHYL)	nd	ppm	PAM I 3RD 302 E1
HEPTACHLOR	nd	ppm	PAM I 3RD 302 E1
HEPTACHLOR EPOXIDE	nd	ppm	PAM I 3RD 302 E1
HEXACHLOROBENZENE (HCB)	nd	ppm	PAM I 3RD 302 E1
LINDANE	nd	ppm	PAM I 3RD 302 E1
MALATHION	nd	ppm	PAM I 3RD 302 E1
METALAXYL	nd	ppm	PAM I 3RD 302 E1
METHAMIDOPHOS	nd	ppm	PAM I 3RD 302 E1
METHOXYCHLOR	nd	ppm	PAM I 3RD 302 E1
MIREX	nd	ppm	PAM I 3RD 302 E1
NALED	nd	ppm	PAM I 3RD 302 E1
TRITHION (CARBOPHENOTHION)	nd	ppm	PAM I 3RD 302 E1

Deviations from standardized methods: None unless otherwise noted.

Respectfully submitted for ABC Research

Kathy Barry
Manager, General Chemistry

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Sample #:	03006021	Finalized:	Jun 3 2003
Received:	06 03 2003	Print Date:	Jun 03 2003
Description:			

KATHY COUTURIER
U.S. NUTRACEUTICALS
2751 NUTRA LANE
EUSTIS , FL 32726

Client #:	13366
Phone:	(352) 357-2004
Fax:	(352) 483-8383

ANALYTICAL RESULTS

Results are representative of the sample(s) as submitted

ANALYSIS	RESULT	DET. LIMIT	UNIT	METHOD REFERENCE
Sample 1 *Astaxanthin previous 03005040*				
ALDICARB SULFONE	nd	5.000	ppb	JAOAC 68:726
CARBOFURAN	nd	5.000	ppb	JAOAC 68:726
OXAMYL	nd	5.000	ppb	JAOAC 68:726
3-HYDROXYCARBOFURAN	nd	5.000	ppb	JAOAC 68:726
METHOMYL	nd	5.000	ppb	JAOAC 68:726
METHIOCARB	nd	5.000	ppb	JAOAC 68:726
CARBARYL	nd	5.000	ppb	JAOAC 68:726
ALDICARB SULFOXIDE	nd	5.000	ppb	JAOAC 68:726
ALDICARB	nd	5.000	ppb	JAOAC 68:726

Deviations from standardized methods: None unless otherwise noted.

Respectfully submitted for ABC Research

Diane Northcott
Food Chemistry Supervisor

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