Analytical Results for Pesticides in Infant Formula

The data in this table represent 3 of 312 samples of infant formulas tested for 318 pesticides that found quantifiable levels. These data were collected in FY2023-2025 as part of a special survey. For the remaining 309 samples, no pesticides were observed above the Minimum Reporting Concentration (MRC).

Sample Number	Simplified Product Label	Pesticide Name	Pesticide Concentration[a][b]
12	Infant Formula, Powder, Cow Milk-based	Chlorpyrifos	1.90 ppb
100	Infant Formula, Powder, Amino Acid-based	Piperonyl butoxide	1.60 ppb
264	Infant Formula, Powder, Cow Milk-based	Malathion	1.50 ppb

[a] Powder, Ready-to-Feed Liquids, and Concentrated Liquids were analyzed as sold. Results are reported as sold, where ppb=parts per billion (ug/kg).

[b] Pesticide analyses were conducted using GC- and LC-tandem mass spectrometry. The Minimum Reporting Concentration (MRC) represents the lowest quantifiable concentration for each analyte, verified by fortification in infant formula powder, and ranges from 1 ug/kg to 25 ug/kg.

Analytical Results for Pesticides in Infant Formula

The data in this table represent 312 samples of infant formulas tested for 318 pesticides in FY2023-2025 as part of a special survey.

Sample Number	Simplified Product Label	Pesticide Name	Pesticide Concentration[a], [b]
1	Infant Formula, Powder, Cow Milk-based	all	<MRC
2	Infant Formula, Powder, Cow Milk-based	all	<MRC
3	Infant Formula, Powder, Cow Milk-based	all	<MRC
4	Infant Formula, Powder, Cow Milk-based	all	<MRC
5	Infant Formula, Powder, Cow Milk-based	all	<MRC
6	Infant Formula, Powder, Cow Milk-based	all	<MRC
7	Infant Formula, Powder, Cow Milk-based	all	<MRC
8	Infant Formula, Powder, Cow Milk-based	all	<MRC
9	Infant Formula, Powder, Soy-based	all	<MRC
10	Infant Formula, Powder, Cow Milk-based	all	<MRC
11	Infant Formula, Powder, Cow Milk-based	all	<MRC
12	Infant Formula, Powder, Cow Milk-based	Chlorpyrifos	1.90 ppb
13	Infant Formula, Powder, Cow Milk-based	all	<MRC
14	Infant Formula, Powder, Cow Milk-based	all	<MRC
15	Infant Formula, Powder, Cow Milk-based	all	<MRC
16	Infant Formula, Powder, Cow Milk-based	all	<MRC
17	Infant Formula, Powder, Cow Milk-based	all	<MRC
18	Infant Formula, Powder, Cow Milk-based	all	<MRC
19	Infant Formula, Powder, Cow Milk-based	all	<MRC
20	Infant Formula, Powder, Cow Milk-based	all	<MRC
21	Infant Formula, Powder, Cow Milk-based	all	<MRC
22	Infant Formula, Powder, Cow Milk-based	all	<MRC
23	Infant Formula, Powder, Cow Milk-based	all	<MRC
24	Infant Formula, Powder, Cow Milk-based	all	<MRC
25	Infant Formula, Powder, Cow Milk-based	all	<MRC
26	Infant Formula, Powder, Cow Milk-based	all	<MRC
27	Infant Formula, Powder, Cow Milk-based	all	<MRC
28	Infant Formula, Powder, Cow Milk-based	all	<MRC
29	Infant Formula, Powder, Cow Milk-based	all	<MRC
30	Infant Formula, Powder, Cow Milk-based	all	<MRC
31	Infant Formula, Powder, Cow Milk-based	all	<MRC
32	Infant Formula, Powder, Cow Milk-based	all	<MRC
33	Infant Formula, Powder, Cow Milk-based	all	<MRC
34	Infant Formula, Powder, Cow Milk-based	all	<MRC
35	Infant Formula, Powder, Cow Milk-based	all	<MRC
36	Infant Formula, Powder, Cow Milk-based	all	<MRC
37	Infant Formula, Powder, Cow Milk-based	all	<MRC
38	Infant Formula, Powder, Cow Milk-based	all	<MRC
39	Infant Formula, Powder, Cow Milk-based	all	<MRC
40	Infant Formula, Powder, Cow Milk-based	all	<MRC
41	Infant Formula, Powder, Cow Milk-based	all	<MRC
42	Infant Formula, Powder, Cow Milk-based	all	<MRC
43	Infant Formula, Powder, Cow Milk-based	all	<MRC
44	Infant Formula, Powder, Cow Milk-based	all	<MRC
45	Infant Formula, Powder, Cow Milk-based	all	<MRC
46	Infant Formula, Powder, Cow Milk-based	all	<MRC
47	Infant Formula, Powder, Cow Milk-based	all	<MRC
48	Infant Formula, Powder, Cow Milk-based	all	<MRC
49	Infant Formula, Powder, Cow Milk-based	all	<MRC
50	Infant Formula, Powder, Cow Milk-based	all	<MRC
51	Infant Formula, Powder, Cow Milk-based	all	<MRC
52	Infant Formula, Powder, Cow Milk-based	all	<MRC
53	Infant Formula, Powder, Cow Milk-based	all	<MRC
55	Infant Formula, Powder, Cow Milk-based	all	<MRC
56	Infant Formula, Powder, Cow Milk-based	all	<MRC
57	Infant Formula, Powder, Cow Milk-based	all	<MRC
58	Infant Formula, Powder, Soy-based	all	<MRC
59	Infant Formula, Powder, Cow Milk-based	all	<MRC
60	Infant Formula, Powder, Cow Milk-based	all	<MRC
61	Infant Formula, Powder, Cow Milk-based	all	<MRC
62	Infant Formula, Powder, Cow Milk-based	all	<MRC
63	Infant Formula, Powder, Cow Milk-based	all	<MRC
64	Infant Formula, Powder, Cow Milk-based	all	<MRC
65	Infant Formula, Powder, Cow Milk-based	all	<MRC
66	Infant Formula, Powder, Soy-based	all	<MRC
67	Infant Formula, Powder, Cow Milk-based	all	<MRC
68	Infant Formula, Powder, Cow Milk-based	all	<MRC

Sample Number	Simplified Product Label	Pesticide Name	Pesticide Concentration[a], [b]
69	Infant Formula, Powder, Soy-based	all	<MRC
70	Infant Formula, Powder, Cow Milk-based	all	<MRC
72	Infant Formula, Powder, Cow Milk-based	all	<MRC
73	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
74	Infant Formula, Powder, Cow Milk-based	all	<MRC
75	Infant Formula, Powder, Cow Milk-based	all	<MRC
76	Infant Formula, Powder, Cow Milk-based	all	<MRC
77	Infant Formula, Powder, Soy-based	all	<MRC
78	Infant Formula, Powder, Cow Milk-based	all	<MRC
79	Infant Formula, Powder, Cow Milk-based	all	<MRC
80	Infant Formula, Powder, Cow Milk-based	all	<MRC
81	Infant Formula, Powder, Cow Milk-based	all	<MRC
82	Infant Formula, Powder, Soy-based	all	<MRC
85	Infant Formula, Powder, Cow Milk-based	all	<MRC
86	Infant Formula, Powder, Cow Milk-based	all	<MRC
87	Infant Formula, Powder, Cow Milk-based	all	<MRC
88	Infant Formula, Powder, Soy-based	all	<MRC
89	Infant Formula, Powder, Cow Milk-based	all	<MRC
90	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
91	Infant Formula, Powder, Cow Milk-based	all	<MRC
92	Infant Formula, Powder, Cow Milk-based	all	<MRC
93	Infant Formula, Powder, Cow Milk-based	all	<MRC
94	Infant Formula, Powder, Cow Milk-based	all	<MRC
95	Infant Formula, Powder, Cow Milk-based	all	<MRC
96	Infant Formula, Powder, Soy-based	all	<MRC
97	Infant Formula, Powder, Cow Milk-based	all	<MRC
98	Infant Formula, Powder, Cow Milk-based	all	<MRC
99	Infant Formula, Powder, Cow Milk-based	all	<MRC
100	Infant Formula, Powder, Cow Milk-based	Piperonyl butoxide	1.60 ppb
101	Infant Formula, Powder, Cow Milk-based	all	<MRC
102	Infant Formula, Powder, Cow Milk-based	all	<MRC
103	Infant Formula, Powder, Soy-based	all	<MRC
104	Infant Formula, Powder, Cow Milk-based	all	<MRC
105	Infant Formula, Powder, Cow Milk-based	all	<MRC
106	Infant Formula, Ready-to-Feed Liquid, Soy-based	all	<MRC
107	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
108	Infant Formula, Powder, Cow Milk-based	all	<MRC
109	Infant Formula, Powder, Cow Milk-based	all	<MRC
110	Infant Formula, Powder, Cow Milk-based	all	<MRC
111	Infant Formula, Powder, Soy-based	all	<MRC
112	Infant Formula, Powder, Cow Milk-based	all	<MRC
113	Infant Formula, Powder, Cow Milk-based	all	<MRC
114	Infant Formula, Powder, Cow Milk-based	all	<MRC
115	Infant Formula, Powder, Cow Milk-based	all	<MRC
116	Infant Formula, Powder, Cow Milk-based	all	<MRC
117	Infant Formula, Powder, Cow Milk-based	all	<MRC
120	Infant Formula, Powder, Cow Milk-based	all	<MRC
121	Infant Formula, Powder, Cow Milk-based	all	<MRC
122	Infant Formula, Powder, Cow Milk-based	all	<MRC
123	Infant Formula, Powder, Cow Milk-based	all	<MRC
124	Infant Formula, Concentrated Liquid, Cow Milk-based	all	<MRC
125	Infant Formula, Concentrated Liquid, Cow Milk-based	all	<MRC
126	Infant Formula, Powder, Soy-based	all	<MRC
127	Infant Formula, Powder, Soy-based	all	<MRC
128	Infant Formula, Powder, Soy-based	all	<MRC
129	Infant Formula, Powder, Soy-based	all	<MRC
130	Infant Formula, Powder, Cow Milk-based	all	<MRC
131	Infant Formula, Powder, Cow Milk-based	all	<MRC
132	Infant Formula, Powder, Cow Milk-based	all	<MRC
133	Infant Formula, Concentrated Liquid, Soy-based	all	<MRC
134	Infant Formula, Ready-to-Feed Liquid, Soy-based	all	<MRC
135	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
136	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
137	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
138	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
139	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
140	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
141	Infant Formula, Ready-to-Feed Liquid, Soy-based	all	<MRC
142	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
143	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC

Sample Number	Simplified Product Label	Pesticide Name	Pesticide Concentration[a], [b]
144	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
145	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
146	Infant Formula, Concentrated Liquid, Cow Milk-based	all	<MRC
147	Infant Formula, Powder, Cow Milk-based	all	<MRC
148	Infant Formula, Powder, Cow Milk-based	all	<MRC
149	Infant Formula, Powder, Cow Milk-based	all	<MRC
150	Infant Formula, Powder, Cow Milk-based	all	<MRC
151	Infant Formula, Powder, Soy-based	all	<MRC
152	Infant Formula, Powder, Cow Milk-based	all	<MRC
154	Infant Formula, Powder, Cow Milk-based	all	<MRC
155	Infant Formula, Powder, Amino Acid-based	all	<MRC
157	Infant Formula, Powder, Soy-based	all	<MRC
158	Infant Formula, Powder, Cow Milk-based	all	<MRC
159	Infant Formula, Powder, Cow Milk-based	all	<MRC
160	Infant Formula, Powder, Cow Milk-based	all	<MRC
161	Infant Formula, Powder, Cow Milk-based	all	<MRC
162	Infant Formula, Powder, Soy-based	all	<MRC
163	Infant Formula, Powder, Cow Milk-based	all	<MRC
164	Infant Formula, Powder, Cow Milk-based	all	<MRC
165	Infant Formula, Powder, Cow Milk-based	all	<MRC
166	Infant Formula, Powder, Cow Milk-based	all	<MRC
167	Infant Formula, Powder, Cow Milk-based	all	<MRC
168	Infant Formula, Powder, Cow Milk-based	all	<MRC
170	Infant Formula, Powder, Amino Acid-based	all	<MRC
171	Infant Formula, Powder, Cow Milk-based	all	<MRC
172	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
173	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
174	Infant Formula, Concentrated Liquid, Cow Milk-based	all	<MRC
175	Infant Formula, Concentrated Liquid, Soy-based	all	<MRC
176	Infant Formula, Concentrated Liquid, Soy-based	all	<MRC
177	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
178	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
179	Infant Formula, Concentrated Liquid, Cow Milk-based	all	<MRC
180	Infant Formula, Powder, Amino Acid-based	all	<MRC
181	Infant Formula, Powder, Amino Acid-based	all	<MRC
182	Infant Formula, Powder, Soy-based	all	<MRC
183	Infant Formula, Powder, Cow Milk-based	all	<MRC
184	Infant Formula, Powder, Cow Milk-based	all	<MRC
185	Infant Formula, Powder, Cow Milk-based	all	<MRC
186	Infant Formula, Powder, Cow Milk-based	all	<MRC
187	Infant Formula, Powder, Cow Milk-based	all	<MRC
188	Infant Formula, Powder, Cow Milk-based	all	<MRC
189	Infant Formula, Powder, Cow Milk-based	all	<MRC
190	Infant Formula, Powder, Cow Milk-based	all	<MRC
191	Infant Formula, Powder, Soy-based	all	<MRC
196	Infant Formula, Powder, Amino Acid-based	all	<MRC
199	Infant Formula, Powder, Cow Milk-based	all	<MRC
200	Infant Formula, Powder, Cow Milk-based	all	<MRC
201	Infant Formula, Powder, Soy-based	all	<MRC
202	Infant Formula, Powder, Soy-based	all	<MRC
203	Infant Formula, Powder, Soy-based	all	<MRC
204	Infant Formula, Powder, Cow Milk-based	all	<MRC
205	Infant Formula, Powder, Cow Milk-based	all	<MRC
206	Infant Formula, Powder, Cow Milk-based	all	<MRC
207	Infant Formula, Powder, Cow Milk-based	all	<MRC
208	Infant Formula, Powder, Cow Milk-based	all	<MRC
209	Infant Formula, Powder, Soy-based	all	<MRC
210	Infant Formula, Powder, Cow Milk-based	all	<MRC
211	Infant Formula, Powder, Cow Milk-based	all	<MRC
212	Infant Formula, Powder, Cow Milk-based	all	<MRC
213	Infant Formula, Powder, Cow Milk-based	all	<MRC
214	Infant Formula, Powder, Cow Milk-based	all	<MRC
215	Infant Formula, Powder, Cow Milk-based	all	<MRC
216	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
217	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
218	Infant Formula, Concentrated Liquid, Cow Milk-based	all	<MRC
219	Infant Formula, Concentrated Liquid, Cow Milk-based	all	<MRC
220	Infant Formula, Concentrated Liquid, Cow Milk-based	all	<MRC
221	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	all	<MRC
222	Infant Formula, Powder, Cow Milk-based	all	<MRC

Sample Number	Simplified Product Label	Pesticide Name	Pesticide Concentration[a], [b]
223	Infant Formula, Powder, Cow Milk-based	all	<MRC
224	Infant Formula, Powder, Cow Milk-based	all	<MRC
225	Infant Formula, Powder, Cow Milk-based	all	<MRC
226	Infant Formula, Powder, Cow Milk-based	all	<MRC
227	Infant Formula, Powder, Cow Milk-based	all	<MRC
228	Infant Formula, Powder, Cow Milk-based	all	<MRC
229	Infant Formula, Powder, Amino Acid-based	all	<MRC
230	Infant Formula, Powder, Amino Acid-based	all	<MRC
231	Infant Formula, Powder, Soy-based	all	<MRC
232	Infant Formula, Powder, Cow Milk-based	all	<MRC
234	Infant Formula, Powder, Cow Milk-based	all	<MRC
235	Infant Formula, Powder, Cow Milk-based	all	<MRC
236	Infant Formula, Powder, Cow Milk-based	all	<MRC
237	Infant Formula, Powder, Cow Milk-based	all	<MRC
238	Infant Formula, Powder, Amino Acid-based	all	<MRC
239	Infant Formula, Powder, Soy-based	all	<MRC
240	Infant Formula, Powder, Cow Milk-based	all	<MRC
241	Infant Formula, Powder, Amino Acid-based	all	<MRC
243	Infant Formula, Powder, Soy-based	all	<MRC
244	Infant Formula, Powder, Cow Milk-based	all	<MRC
245	Infant Formula, Powder, Soy-based	all	<MRC
246	Infant Formula, Powder, Cow Milk-based	all	<MRC
247	Infant Formula, Powder, Cow Milk-based	all	<MRC
248	Infant Formula, Powder, Cow Milk-based	all	<MRC
249	Infant Formula, Powder, Cow Milk-based	all	<MRC
250	Infant Formula, Powder, Soy-based	all	<MRC
251	Infant Formula, Powder, Cow Milk-based	all	<MRC
252	Infant Formula, Powder, Cow Milk-based	all	<MRC
253	Infant Formula, Powder, Cow Milk-based	all	<MRC
254	Infant Formula, Powder, Soy-based	all	<MRC
255	Infant Formula, Powder, Cow Milk-based	all	<MRC
256	Infant Formula, Powder, Cow Milk-based	all	<MRC
257	Infant Formula, Powder, Cow Milk-based	all	<MRC
263	Infant Formula, Powder, Cow Milk-based	all	<MRC
264	Infant Formula, Powder, Amino Acid-based	Malathion	1.50 ppb
265	Infant Formula, Powder, Soy-based	all	<MRC
266	Infant Formula, Powder, Cow Milk-based	all	<MRC
267	Infant Formula, Powder, Cow Milk-based	all	<MRC
268	Infant Formula, Powder, Cow Milk-based	all	<MRC
269	Infant Formula, Powder, Cow Milk-based	all	<MRC
270	Infant Formula, Powder, Cow Milk-based	all	<MRC
271	Infant Formula, Powder, Cow Milk-based	all	<MRC
272	Infant Formula, Powder, Cow Milk-based	all	<MRC
273	Infant Formula, Powder, Cow Milk-based	all	<MRC
274	Infant Formula, Powder, Cow Milk-based	all	<MRC
275	Infant Formula, Powder, Cow Milk-based	all	<MRC
276	Infant Formula, Powder, Cow Milk-based	all	<MRC
277	Infant Formula, Powder, Cow Milk-based	all	<MRC
280	Infant Formula, Powder, Soy-based	all	<MRC
281	Infant Formula, Powder, Cow Milk-based	all	<MRC
282	Infant Formula, Powder, Soy-based	all	<MRC
283	Infant Formula, Powder, Cow Milk-based	all	<MRC
284	Infant Formula, Powder, Cow Milk-based	all	<MRC
285	Infant Formula, Powder, Cow Milk-based	all	<MRC
286	Infant Formula, Powder, Cow Milk-based	all	<MRC
287	Infant Formula, Powder, Cow Milk-based	all	<MRC
288	Infant Formula, Powder, Cow Milk-based	all	<MRC
289	Infant Formula, Powder, Cow Milk-based	all	<MRC
290	Infant Formula, Powder, Cow Milk-based	all	<MRC
291	Infant Formula, Powder, Cow Milk-based	all	<MRC
292	Infant Formula, Powder, Cow Milk-based	all	<MRC
293	Infant Formula, Powder, Cow Milk-based	all	<MRC
294	Infant Formula, Powder, Cow Milk-based	all	<MRC
295	Infant Formula, Powder, Cow Milk-based	all	<MRC
296	Infant Formula, Powder, Cow Milk-based	all	<MRC
297	Infant Formula, Powder, Cow Milk-based	all	<MRC
298	Infant Formula, Powder, Cow Milk-based	all	<MRC
299	Infant Formula, Powder, Cow Milk-based	all	<MRC
300	Infant Formula, Powder, Cow Milk-based	all	<MRC
301	Infant Formula, Powder, Cow Milk-based	all	<MRC

Sample Number	Simplified Product Label	Pesticide Name	Pesticide Concentration[a], [b]
302	Infant Formula, Powder, Cow Milk-based	all	<MRC
303	Infant Formula, Powder, Cow Milk-based	all	<MRC
304	Infant Formula, Powder, Cow Milk-based	all	<MRC
305	Infant Formula, Powder, Cow Milk-based	all	<MRC
306	Infant Formula, Powder, Cow Milk-based	all	<MRC
307	Infant Formula, Powder, Cow Milk-based	all	<MRC
308	Infant Formula, Powder, Cow Milk-based	all	<MRC
309	Infant Formula, Powder, Cow Milk-based	all	<MRC
310	Infant Formula, Powder, Cow Milk-based	all	<MRC
311	Infant Formula, Powder, Cow Milk-based	all	<MRC
312	Infant Formula, Powder, Cow Milk-based	all	<MRC
313	Infant Formula, Powder, Cow Milk-based	all	<MRC
314	Infant Formula, Powder, Cow Milk-based	all	<MRC
315	Infant Formula, Powder, Cow Milk-based	all	<MRC
316	Infant Formula, Powder, Cow Milk-based	all	<MRC
317	Infant Formula, Powder, Cow Milk-based	all	<MRC
318	Infant Formula, Powder, Cow Milk-based	all	<MRC
319	Infant Formula, Powder, Cow Milk-based	all	<MRC
320	Infant Formula, Powder, Soy-based	all	<MRC
321	Infant Formula, Powder, Cow Milk-based	all	<MRC
322	Infant Formula, Powder, Cow Milk-based	all	<MRC
328	Infant Formula, Powder, Cow Milk-based	all	<MRC
329	Infant Formula, Powder, Cow Milk-based	all	<MRC
330	Infant Formula, Powder, Cow Milk-based	all	<MRC
331	Infant Formula, Powder, Cow Milk-based	all	<MRC
332	Infant Formula, Powder, Cow Milk-based	all	<MRC
336	Infant Formula, Powder, Cow Milk-based	all	<MRC
337	Infant Formula, Powder, Soy-based	all	<MRC
338	Infant Formula, Powder, Soy-based	all	<MRC
339	Infant Formula, Powder, Cow Milk-based	all	<MRC
340	Infant Formula, Powder, Soy-based	all	<MRC
341	Infant Formula, Powder, Cow Milk-based	all	<MRC
342	Infant Formula, Powder, Cow Milk-based	all	<MRC
343	Infant Formula, Powder, Soy-based	all	<MRC
344	Infant Formula, Powder, Soy-based	all	<MRC

[a] Powder, Ready-to-Feed Liquids, and Concentrated Liquids were analyzed as sold. Results are reported as sold, where ppb=parts per billion (ug/kg).

[b] Pesticide analyses were conducted using GC- and LC-tandem mass spectrometry. The Minimum Reporting Concentration (MRC) represents the lowest quantifiable concentration for each analyte, verified by fortification in infant formula powder, and ranges from 1 ug/kg to 25 ug/kg.

Analytical Results for Pesticides in Infant Formula

The data in this table represent 312 samples of infant formulas tested for 318 pesticides in FY2023-2025 as part of a special survey.

Pesticide[a]	Sample Number	Pesticide Concentration (ppb)[b]	MRC (ppb)[c]
2,6-DIPN	all	<MRC	*1*
Abamectin	all	<MRC	1
Acephate	all	<MRC	5
Acetamiprid	all	<MRC	1
Acetochlor	all	<MRC	1
Acibenzolar-S-methyl	all	<MRC	10
Alachlor	all	<MRC	5
Aldicarb	all	<MRC	1
Ametoctradin	all	<MRC	1
Ametryn	all	<MRC	1
Amicarbazone	all	<MRC	1
Amisulbrom	all	<MRC	1
Amitraz	all	<MRC	*1*
Atrazine	all	<MRC	1
Azamethiphos	all	<MRC	25
Azinphos-methyl	all	<MRC	1
Azoxystrobin	all	<MRC	1
Benalaxyl	all	<MRC	1
Bendiocarb	all	<MRC	1
Benfluralin	all	<MRC	1
Benthiavalicarb-isopropyl	all	<MRC	1
Benzovindiflupyr	all	<MRC	1
BHC	all	<MRC	1
Bicyclopyrone	all	<MRC	*25*
Bifenazate	all	<MRC	1
Bifenthrin	all	<MRC	*1*
Bitertanol	all	<MRC	1
Bixafen	all	<MRC	1
Boscalid	all	<MRC	1
Bromopropylate	all	<MRC	1
Bromuconazole	all	<MRC	1
Bupirimate	all	<MRC	1
Buprofezin	all	<MRC	1
Butachlor	all	<MRC	1
Cadusafos	all	<MRC	1
Carbaryl	all	<MRC	1
Carbendazim	all	<MRC	1
Carbetamide	all	<MRC	1
Carbofuran	all	<MRC	1
Carbosulfan	all	<MRC	*1*
Carboxin	all	<MRC	1
Chlorantraniliprole	all	<MRC	1
Chlordane	all	<MRC	*1*
Chlorfenapyr	all	<MRC	1
Chlorfenvinphos	all	<MRC	1
Chlorfluazuron	all	<MRC	1
Chlorimuron-ethyl	all	<MRC	*5*
Chlorotoluron	all	<MRC	1
Chlorpropham	all	<MRC	1
Chlorpyrifos	Sample 12	1.90	1
Chlorpyrifos methyl	all	<MRC	1
Chromafenozide	all	<MRC	1
Clethodim	all	<MRC	*5*
Clofentezine	all	<MRC	1

Pesticide[a]	Sample Number	Pesticide Concentration (ppb)[b]	MRC (ppb)[c]
Clothianidin	all	<MRC	1
Coumaphos	all	<MRC	1
Cyantraniliprole	all	<MRC	1
Cyazofamid	all	<MRC	10
Cycloate	all	<MRC	1
Cyflufenamid	all	<MRC	1
Cyflumetofen	all	<MRC	*1*
Cyfluthrin	all	<MRC	*1*
Cymoxanil	all	<MRC	1
Cypermethrin	all	<MRC	*1*
Cyproconazole	all	<MRC	1
Cyprodinil	all	<MRC	1
Cyromazine	all	<MRC	*1*
DCPA	all	<MRC	1
DDT	all	<MRC	*1*
DEF/Tribufos	all	<MRC	1
Deltamethrin	all	<MRC	*5*
Desmedipham	all	<MRC	*1*
Diazinon	all	<MRC	1
Dichlobenil	all	<MRC	1
Dichlorvos	all	<MRC	5
Dicloran	all	<MRC	1
Dicofol	all	<MRC	*1*
Dicrotophos	all	<MRC	1
Dieldrin	all	<MRC	1
Diethofencarb	all	<MRC	1
Difenoconazole	all	<MRC	1
Diflovidazin	all	<MRC	5
Diflubenzuron	all	<MRC	1
Dimethachlor	all	<MRC	1
Dimethoate	all	<MRC	1
Dimethomorph	all	<MRC	1
Dimoxystrobin	all	<MRC	1
Diniconazole	all	<MRC	1
Dinotefuran	all	<MRC	1
Dioxacarb	all	<MRC	1
Diphenylamine	all	<MRC	1
Dithianon	all	<MRC	1
Diuron	all	<MRC	1
Emamectin benzoate	all	<MRC	1
Endosulfan	all	<MRC	5
Endrin	all	<MRC	1
EPN	all	<MRC	1
Epoxiconazole	all	<MRC	1
Ethaboxam	all	<MRC	1
Ethiolate	all	<MRC	1
Ethion	all	<MRC	1
Ethiprole	all	<MRC	1
Ethirimol	all	<MRC	5
Ethofumesate	all	<MRC	1
Ethoprop	all	<MRC	1
Ethoxyquin	all	<MRC	1
Etofenprox	all	<MRC	*1*
Etoxazole	all	<MRC	1
Famoxadone	all	<MRC	1
Fenamidone	all	<MRC	1
Fenamiphos	all	<MRC	1
Fenarimol	all	<MRC	1

Pesticide[a]	Sample Number	Pesticide Concentration (ppb)[b]	MRC (ppb)[c]
Fenazaquin	all	<MRC	1
Fenbuconazole	all	<MRC	1
Fenbutatin oxide	all	<MRC	*1*
Fenhexamid	all	<MRC	*5*
Fenitrothion	all	<MRC	1
Fenobucarb (BPMC)	all	<MRC	1
Fenoxycarb	all	<MRC	1
Fenpropathrin	all	<MRC	1
Fenpropidin	all	<MRC	*1*
Fenpropimorph	all	<MRC	1
Fenpyrazamine	all	<MRC	1
Fenpyroximate, e-	all	<MRC	1
Fenthion	all	<MRC	1
Fenuron	all	<MRC	1
Fenvalerate	all	<MRC	*1*
Ferimzone	all	<MRC	1
Fipronil	all	<MRC	1
Flonicamid	all	<MRC	1
Fluacrypyrim	all	<MRC	1
Flubendiamide	all	<MRC	1
Flucycloxuron	all	<MRC	1
Flucythrinate	all	<MRC	*1*
Fludioxonil	all	<MRC	1
Fluensulfone	all	<MRC	1
Flufenoxuron	all	<MRC	1
Flumetsulam	all	<MRC	*10*
Flumioxazin	all	<MRC	1
Fluopicolide	all	<MRC	1
Fluopyram	all	<MRC	1
Fluoxastrobin	all	<MRC	1
Flupyradifurone	all	<MRC	1
Fluquinconazole	all	<MRC	1
Fluridone	all	<MRC	1
Flusilazole	all	<MRC	1
Flutolanil	all	<MRC	1
Flutriafol	all	<MRC	1
Fluvalinate	all	<MRC	*1*
Fluxapyroxad	all	<MRC	1
Fomesafen	all	<MRC	*1*
Forchlorfenuron	all	<MRC	1
Formetanate	all	<MRC	1
Fosthiazate	all	<MRC	1
Fuberidazole	all	<MRC	1
Glufosinate	all	<MRC	10
Glyphosate	all	<MRC	10
Halofenozide	all	<MRC	1
Heptachlor	all	<MRC	1
Hexaconazole	all	<MRC	1
Hexaflumuron	all	<MRC	1
Hexazinone	all	<MRC	1
Hexythiazox	all	<MRC	1
IBP	all	<MRC	1
Imazalil	all	<MRC	1
Imidacloprid	all	<MRC	1
Indaziflam	all	<MRC	1
Indoxacarb	all	<MRC	1
Iprodione	all	<MRC	1
Iprovalicarb	all	<MRC	1

Pesticide[a]	Sample Number	Pesticide Concentration (ppb)[b]	MRC (ppb)[c]
Isocarbophos	all	<MRC	1
Isofetamid	all	<MRC	1
Isoprocarb	all	<MRC	1
Isoprothiolane	all	<MRC	1
Isopyrazam	all	<MRC	1
Isotianil	all	<MRC	25
Ivermectin	all	<MRC	1
Karbutilate	all	<MRC	1
Kresoxim-methyl	all	<MRC	1
Lambda-cyhalothrin	all	<MRC	*1*
Lindane	all	<MRC	1
Linuron	all	<MRC	1
Lufenuron	all	<MRC	1
Malathion	Sample 264	1.50	1
Mandestrobin	all	<MRC	1
Mandipropamid	all	<MRC	1
Mepanipyrim	all	<MRC	1
Mepronil	all	<MRC	1
Metaflumizone	all	<MRC	1
Metalaxyl	all	<MRC	1
Metconazole	all	<MRC	1
Methamidophos	all	<MRC	1
Methidathion	all	<MRC	1
Methiocarb	all	<MRC	1
Methomyl	all	<MRC	1
Methoprene	all	<MRC	*10*
Methoxychlor	all	<MRC	1
Methoxyfenozide	all	<MRC	1
Metolachlor	all	<MRC	1
Metominostrobin	all	<MRC	1
Metoxuron	all	<MRC	1
Metrafenone	all	<MRC	1
Metribuzin	all	<MRC	1
Metsulfuron methyl	all	<MRC	*5*
Mevinphos	all	<MRC	1
MGK 264	all	<MRC	1
Monocrotophos	all	<MRC	1
Moxidectin	all	<MRC	1
Myclobutanil	all	<MRC	1
Napropamide	all	<MRC	1
Nitenpyram	all	<MRC	1
Novaluron	all	<MRC	1
Noviflumuron	all	<MRC	1
Nuarimol	all	<MRC	1
Omethoate	all	<MRC	5
Orysastrobin	all	<MRC	1
Oxadiazon	all	<MRC	1
Oxadixyl	all	<MRC	1
Oxamyl	all	<MRC	1
Oxathiapiprolin	all	<MRC	1
Oxyfluorfen	all	<MRC	1
Paclobutrazol	all	<MRC	1
Parathion	all	<MRC	1
Parathion methyl	all	<MRC	1
Penconazole	all	<MRC	1
Pencycuron	all	<MRC	1
Pendimethalin	all	<MRC	1
Penflufen	all	<MRC	1

Pesticide[a]	Sample Number	Pesticide Concentration (ppb)[b]	MRC (ppb)[c]
Penthiopyrad	all	<MRC	1
Permethrin	all	<MRC	*1*
Phenmedipham	all	<MRC	*1*
Phenthoate	all	<MRC	1
Phenylphenol, o-	all	<MRC	1
Phorate	all	<MRC	1
Phosalone	all	<MRC	10
Phosmet	all	<MRC	1
Phoxim	all	<MRC	1
Picoxystrobin	all	<MRC	1
Piperonyl butoxide	Sample 100	1.60	1
Pirimicarb	all	<MRC	1
Pirimiphos methyl	all	<MRC	1
Prochloraz	all	<MRC	1
Procymidone	all	<MRC	1
Profenofos	all	<MRC	1
Prometryn	all	<MRC	1
Pronamide	all	<MRC	1
Propamocarb	all	<MRC	*1*
Propanil	all	<MRC	1
Propargite	all	<MRC	1
Propiconazole	all	<MRC	1
Propoxur	all	<MRC	1
Propoxycarbazone	all	<MRC	*1*
Proquinazid	all	<MRC	25
Prothiofos	all	<MRC	*1*
Pymetrozine	all	<MRC	1
Pyraclostrobin	all	<MRC	1
Pyribencarb	all	<MRC	1
Pyridaben	all	<MRC	1
Pyrifenox	all	<MRC	1
Pyrifluquinazon	all	<MRC	*5*
Pyrimethanil	all	<MRC	1
Pyriofenone	all	<MRC	1
Pyriproxyfen	all	<MRC	1
Pyroquilon	all	<MRC	1
Pyroxasulfone	all	<MRC	1
Quinalphos	all	<MRC	1
Quinoxyfen	all	<MRC	5
Quintozene	all	<MRC	*1*
Resmethrin	all	<MRC	*1*
Rotenone	all	<MRC	1
Saflufenacil	all	<MRC	*1*
Sedaxane	all	<MRC	1
Simazine	all	<MRC	1
Spinetoram	all	<MRC	1
Spinosad	all	<MRC	5
Spiromesifen	all	<MRC	*1*
Spirotetramat	all	<MRC	*5*
Spiroxamine	all	<MRC	*1*
Sulfoxaflor	all	<MRC	1
Tebuconazole	all	<MRC	1
Tebufenozide	all	<MRC	1
Tebufenpyrad	all	<MRC	1
Tecnazene	all	<MRC	1
Teflubenzuron	all	<MRC	1
Temephos	all	<MRC	1
Tepraloxydim	all	<MRC	*5*

Pesticide[a]	Sample Number	Pesticide Concentration (ppb)[b]	MRC (ppb)[c]
Terbuthylazine	all	<MRC	1
Tetrachlorvinphos (Gardona)	all	<MRC	1
Tetraconazole	all	<MRC	1
Tetradifon	all	<MRC	1
Tetramethrin	all	<MRC	1
Thiabendazole	all	<MRC	1
Thiacloprid	all	<MRC	1
Thiamethoxam	all	<MRC	1
Thidiazuron	all	<MRC	*1*
Thifluzamide	all	<MRC	5
Thiobencarb	all	<MRC	1
Thiodicarb	all	<MRC	1
Thiophanate-methyl	all	<MRC	*1*
THPI	all	<MRC	1
Tolclofos methyl	all	<MRC	1
Tolfenpyrad	all	<MRC	1
Tolpyralate	all	<MRC	1
Tolylfluanid	all	<MRC	*1*
Triadimefon	all	<MRC	1
Tri-allate	all	<MRC	*1*
Triazophos	all	<MRC	1
Trichlorfon	all	<MRC	*5*
Tricyclazole	all	<MRC	1
Tridemorph	all	<MRC	*1*
Trifloxystrobin	all	<MRC	1
Triflumizole	all	<MRC	1
Triflumuron	all	<MRC	1
Trifluralin	all	<MRC	1
Triforine	all	<MRC	1
Valifenalate	all	<MRC	1
Vinclozolin	all	<MRC	1
Zoxamide	all	<MRC	1

[a] Pesticides are listed by their common or trade name. The analytical methods used for testing also detect some metabolites and isomers associated with the pesticides listed.

[b] Powder, Ready-to-Feed Liquids, and Concentrated Liquids were analyzed as sold. Results are reported as sold, where ppb=parts per billion (ug/kg).

[c] Pesticide analyses were conducted using GC- and LC-tandem mass spectrometry. The Minimum Reporting Concentration (MRC) represents the lowest quantifiable concentration for each analyte, verified by fortification in infant formula powder, and ranges from 1 ug/kg to 25 ug/kg, with the exception of pesticides with MRC values in italics, which are limited to identifying whether the pesticide is present and do not provide a quantitative measurement.