



Dairy National Chemical Contaminants Programme – Raw Milk Result Summary July 2012 to June 2013

This Dairy National Chemical Contaminants Programme (NCCP) Report provides a summary of results for the full 2012/13 dairy season, spanning the period July 2012 to June 2013. The purpose of the NCCP is to:

- (a) provide an assurance that not less than 99% of raw milk, including colostrum, conforms to New Zealand and international requirements at the farm gate;
- (b) confirm the accuracy of attestations provided to other competent authorities; and
- (c) investigate unfavourable findings to ensure that controls remain effective and that emerging hazards are identified and an appropriate regulatory measures applied.

What we tested:

- 317 raw milk samples over 7 random sampling rounds across the full period 1 July 2012 to 30 June 2013 (303 milk samples in 2011/12, 329 milk samples in 2010/11 and 321 milk samples in 2009/10)
- 1 targeted colostrum round of 29 samples (47 in 2011/12, 40 in both 2010/11 and 2009/10)

All random sampling of raw milk and colostrum under the raw milk programme occurs at the farm bulk milk tank prior to any further consolidation, co-mingling or dilution.

What we looked for:

- Approximately 537 compounds or elements including:
 - Antibiotics and other veterinary medicines
 - Pesticides
 - Herbicides
 - Fungicides
 - Persistent organic pollutants
 - Other compounds withdrawn or not permitted for food producing animals
 - Aflatoxins
 - Incidental contaminants
 - Chemical elements, and
 - Radionuclides



In total some 161,092 individual test results were obtained for the 346 raw milk and colostrum samples.

What we found:

Raw Milk

Of the 146,510 individual test results for raw milk (excluding colostrum) there were only 48 detections (0.03%), of which 2 detections were above the action limit (0.001%). This represents a conformance rate of 99.999%. The two detections of bismuth above the action limit of 0.1 mg/kg are not of concern and are discussed below.

Raw Colostrum

For the 29 colostrum samples collected there were 14,582 test results in total, with 63 detections (0.4%) of which 9 results were above the maximum limit (0.06%), namely:

- three results were above the action limit for *p,p'* DDE on an as received basis (0.006%), and
- six samples had detections of bismuth above the action limit of 0.1 mg/kg.

These findings are discussed below.

Compounds detected above acceptance limits

	Raw Milk	Colostrum
DDE	0	3
Bismuth	2	6

DDE: As noted above, three colostrum sample were found to exceed the action limit for *p,p'* DDE of 0.50 mg/L. This action limit reflects the CODEX limit limit for milk prior to correcting for milkfat levels. All three samples were below the New Zealand maximum residue limit of 1.25 mg/kg on a fat basis and none exceeded 0.04 mg/kg on a milk basis.

Investigations confirmed that, for each of these three individual supplies, the raw colostrum did conform to applicable acceptance limits at the point of receipt at the respective manufacturing premises.

In total 15 of the 29 colostrum samples had a detectable level of DDE, representing 52% of samples (up from 40% in 2011/12 though similar to the 50% of colostrum samples in 2010/11). A total of 19 (6%) raw milk samples had a detectable level (down from 19% in 2011/12 and 9% in 2010/11).

Metabolites of DDT are periodically identified very early in lactation from animals grazing land where DDT was historically applied to control "grass grub" (*Costelytra zealandica*). In 1970, New Zealand became one of the first countries in the world to ban the use of DDT on pastoral land. Most commonly residues of DDE are



identified rather than the parent compound DDT. This confirms historic use rather than recent use of this pesticide in New Zealand.

Bismuth: The detections of bismuth were only found in colostrum and milk in early lactation. Bismuth is an inert compound used in teat sealant product to protect the cow's mammary gland while it is dry (i.e. not producing milk). Teat sealant products have been shown to be highly effective in minimising mastitis incidence during the dry period, which in turn means that there is less reliance on antibiotic treatments during the early stages of lactation.

Many countries exempt bismuth from residue requirements due to its inert nature and its limited use as a veterinary treatment. New Zealand currently provides an exemption from MRLs for bismuth when used as an oral treatment and is reviewing the situation for bismuth when used as a teat sealant.

Because of its nature, and the low levels of bismuth found (typically less than 1 part per million), these findings are not considered to be of any concern to public health.

Other detections of interest:

- Two raw milk samples and one colostrum sample were found to contain Aflatoxin M₁ at levels well below the European Union limit of 50 ug/kg, and significantly below the CODEX recommended limit of 500 ug/kg. This finding is consistent with those identified in 2011/12.
- 19 phthalates were detected in the colostrum samples at low levels (3 x DEHA, 14 x DEHP, 1 DIBP and 1 x DEP) while only 8 were found in raw milk (4 x DEHA, 1 x DEHP, 1 x DIDP, 1 x DDP and 1 x DEP). DEHP has been recently removed from milk liner formulations and the results reflect the transition from old formulation liners to those of the new formulation.

All detections were well below the 1mg/kg action limit. Refer to the National Chemical Contaminants Programme Report 2011/12 for further details on phthalate findings and the removal of phthalates of concern from rubberware formulations.

- Three raw milk samples and one colostrum sample were found to contain cyanuric acid at levels well below the 1mg/kg action limit. MPI has previously investigated low level findings thoroughly and has confirmed that these are not linked to any form of milk or feed adulteration.
- 8 colostrum samples were identified as having trace levels of lead at the tests limit of detection, though there were no detections in any raw milk samples tested. The limit of detection for lead is far below any level that would be of concern in any dairy product. However MPI will continue to monitor colostrum as well as milk for lead to ensure there is no emerging trend.

For the first time this report also presents a milk integrity summary. This summary sets out the testing undertaken for compositional characteristics and components or minerals expected in milk. The purpose of



this testing is to confirm that the levels for each component is within the expected range and that no form of adulteration or manipulation of the milk is occurring.

All testing under the programme is also supported by on-farm verification of milking practices to give further confidence that New Zealand dairy farmers are protecting the quality and integrity of the milk they produce.

At 0.07%, the overall rate of detections for the chemical residues and contaminants is in line with previous years (0.06% in 2011/12, 0.08% in 2010/11, 0.13% in 2009/10 and 0.12% in 2008/09). The 48 residue detections in raw milk samples are marginally below the 67 detections in 2011/12, the 61 detections in 2010/11 and the 69 detections in 2009/10.

Conclusion:

The practice of sampling the raw milk and colostrum at the farm, prior to consolidation through collection and processing, provides a high level of confidence in the results. As with previous years, these results confirm that New Zealand dairy products continue to meet the acceptance limits for chemical residues and contaminants that are applied internationally.

Furthermore, a review is undertaken whenever a test result indicates that a compound might be present at a level above that permitted by New Zealand, Codex or an overseas market. Such reviews are undertaken regardless of whether the result was obtained by the Ministry for Primary Industries through monitoring under the National Chemical Contaminants Programme or by industry, and ensure that the dairy products manufactured in New Zealand conform in all respects to the requirements of the intended market(s).

A full summary of results from NCCP random monitoring and directed surveillance follow.



Raw Milk Monitoring for Chemical Residues and Contaminants – July 2012 to June 2013

Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Abamectin	Milk	216	214	2	0	●	0.005	0.001	HPLC-FL	ML
Acephate	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Acetamiprid	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Acetochlor	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Acibenzolar-S-methyl	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Acifluorfen	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Aflatoxin M ₁	Milk	309	307	2	0	●	0.00005	0.00001	Elisa	FT
AHD (Nitrofurantoin)	Milk	285	285	0	0		0.001	0.0001	LC-MS/MS	N
Alachlor	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Alanycarb	Milk	256	256	0	0		0.05	0.05	LCMS-MS	P
Albendazole	Milk	150	150	0	0		0.1	0.04	LC-MS/MS	B
Albendazole Sulphone	Milk	150	150	0	0		0.01	0.005	LC-MS/MS	B
Albendazole sulphoxide	Milk	150	150	0	0		0.1	0.005	LC-MS/MS	B
Aldicarb	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Aldicarb-sulfone	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Aldicarb-sulfoxide	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Aldrin	Milk	304	304	0	0		0.006	0.005	GCMS & -GC-E	P
Allidochlor	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Ametryn	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Amoxycillin	Milk	317	317	0	0		0.004	0.002	Microbial Inhibition	IS
AMOZ (Furaltodone)	Milk	285	285	0	0		0.001	0.0002	LC-MS/MS	N
Ampicillin	Milk	317	317	0	0		0.004	0.002	Microbial Inhibition	IS
Anilofos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
AOZ (Furazolidone)	Milk	285	285	0	0		0.001	0.0002	LC-MS/MS	N
Arsenic	Milk	128	128	0	0		0.01	0.01	Wet oxidation/ICPMS	EL
Atrazine	Milk	304	304	0	0		0.02	0.02	GCMS & LCMS-MS	P
Azaconazole	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Azamethiphos	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Azinphos-methyl	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Azoxystrobin	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Benalaxyl	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Bendiocarb	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Benfluralin	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Benfuracarb	Milk	256	256	0	0		0.05	0.05	LCMS-MS	P
Benodanil	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Benoxacor	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Bensulfuron-methyl	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Bensulide	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Betamethazone	Milk	34	34	0	0		0.0003	0.0003	GC-MS	D
BHC (alpha)	Milk	304	304	0	0		0.01	0.002	GCMS	P
BHC (beta)	Milk	304	304	0	0		0.01	0.002	GCMS	P
BHC (delta)	Milk	304	304	0	0		0.02	0.02	GCMS	P
Bifenox	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Bifenthrin	Milk	304	304	0	0		0.01	0.01	GCMS	P
Binapacryl	Milk	304	304	0	0		0.01	0.005	GCMS	P
Bioresmethrin	Milk	304	304	0	0		0.01	0.005	GCMS	P
Bismuth	Milk	34	27	5	2	⬅	0.10	0.001	Acid Digest/ICPMS	EL
Bitertanol	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Boscalid	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Bromacil	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Bromobutide	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Bromophos methyl	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Bromopropylate	Milk	304	304	0	0		0.01	0.005	GCMS	P
Bromosphos ethyl	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Bupirimate	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Buprofezin	Milk	304	304	0	0		0.01	0.005	GCMS/GC-ECD & LCMS-	P
Butachlor	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Butafenacil	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Butamifos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Butyl benzyl phthalate (BBP)	Milk	113	113	0	0		1	0.3	HPLC-MS/MS	Pht
Cadmium	Milk	128	124	4	0	●	0.03	0.001	Acid digest/ICPMS	EL
Cadusafos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Cafenstrole	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Captan	Milk	304	304	0	0		0.01	0.005	GCMS	P
Carbaryl	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Carbendazim	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Carbetamide	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Carbofuran	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Carboxin	Milk	304	304	0	0		0.01	0.01	GCMS	P
Carfentrazone-ethyl	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Carpropamid	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Cefalexin	Milk	304	304	0	0		0.02	0.012	Microbial Inhibition (2)	MIT
Cefalonium	Milk	317	317	0	0		0.02	0.008	Microbial Inhibition	IS
Cefalonium	Milk	304	304	0	0		0.02	0.008	Microbial Inhibition (2)	MIT
Cefapirin	Milk	317	317	0	0		0.02	0.004	Microbial Inhibition	IS
Cefazolin	Milk	317	317	0	0		0.02	0.005	Microbial Inhibition	IS
Cefoperazone	Milk	317	317	0	0		0.03	0.03	Microbial Inhibition	IS
Ceftiofur	Milk	304	304	0	0		0.01	0.008	Microbial Inhibition (2)	MIT
Cefuroxime	Milk	317	317	0	0		0.036	0.036	Microbial Inhibition	IS
Cefuroxime	Milk	304	304	0	0		0.01	0.008	Microbial Inhibition (2)	MIT
Chloramphenicol	Milk	285	285	0	0		0.00004	0.00004	HPLC-MS/MS	A6
Chlorbufam	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
chlordan-cis	Milk	304	304	0	0		0.01	0.005	GCMS	P
chlordan-trans	Milk	304	304	0	0		0.01	0.005	GCMS	P
chlorfenapyr	Milk	304	304	0	0		0.02	0.02	GCMS	P
Chlorfenvinphos	Milk	304	304	0	0		0.1	0.005	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Chloridazon	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Chlorimuron-ethyl	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Chlornitrofen	Milk	304	304	0	0		0.01	0.005	GCMS	P
Chlorobenzilate	Milk	304	304	0	0		0.01	0.005	GCMS	P
Chlorothalonil	Milk	304	304	0	0		0.01	0.005	GCMS	P
Chloroxuron	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Chlorpropham	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Chlorpyrifos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Chlorpyrifos ethyl	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Chlorpyrifos methyl	Milk	304	304	0	0		0.01	0.005	GCMS/GC-ECD & LCMS-	P
Chlorsulfuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Chlortetracycline	Milk	317	317	0	0		0.6	0.6	Microbial Inhibition	IS
Chlortetracycline	Milk	317	317	0	0		0.1	0.1	Elisa	IS
Chlortetracycline	Milk	304	304	0	0		0.05	0.004	Microbial Inhibition (2)	MIT
Chlorthal dimethyl	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Chlortoluron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Chlozolate	Milk	304	304	0	0		0.01	0.005	GCMS	P
Chromafenozide	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Cinidon-ethyl	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Clethodim	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Clodinafop-propargyl	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Clofentezine	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Clomazone	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Cloquintocet-mexyl	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Clothianidin	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Cloxacillin	Milk	317	317	0	0		0.03	0.015	Microbial Inhibition	IS
Cobalt	Milk	34	34	0	0		0.01	0.002	Acid digest/ICPMS	EL
Coumaphos	Milk	304	304	0	0		0.01	0.005	GCMS/GC-ECD & LCMS-	P
Coumaphos oxon	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Cyanazine	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Cyanophos	Milk	304	304	0	0		0.01	0.01	GCMS	P
Cyanuric Acid	Milk	200	197	3	0	●	1	0.1	HPLC-MS/MS	O
Cyazofamid	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Cyclanilide	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Cycloate	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Cyclosulfamuron	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Cyflufenamid	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Cyfluthrin	Milk	304	304	0	0		0.01	0.005	GCMS	P
cyhalofop-butyl	Milk	304	304	0	0		0.01	0.01	GCMS	P
Cyhalothrin	Milk	304	304	0	0		0.01	0.005	GCMS	P
Cymoxanil	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Cypermethrin	Milk	304	304	0	0		0.01	0.005	GCMS	P
Cyproconazole	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Cyprodinil	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Cyromazine	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Daimuron	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
DDD (o,p')	Milk	304	304	0	0		0.02	0.002	GCMS	P
DDD (p,p')	Milk	304	304	0	0		0.02	0.002	GCMS	P
DDE (o,p')	Milk	304	304	0	0		0.02	0.002	GCMS	P
DDE (p,p')	Milk	304	285	19	0	●	0.02	0.002	GCMS	P
DDT (o,p')	Milk	304	304	0	0		0.02	0.002	GCMS	P
DDT (p,p')	Milk	304	304	0	0		0.02	0.002	GCMS	P
Deltamethrin	Milk	304	304	0	0		0.01	0.005	GCMS	P
Demeton-s-methyl	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Demeton-s-methyl-sulfoxide	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Desmedipham	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Dexamethazone	Milk	34	34	0	0		0.0003	0.0003	GC-MS	D
Di(2-ethylhexyl) adipate (DEHA)	Milk	113	109	4	0	●	1	0.3	HPLC-MS/MS	Pht



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Di(2-ethylhexyl) phthalate (DEHP)	Milk	113	112	1	0	●	1	0.3	HPLC-MS/MS	Pht
Di-allate	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Diazinon	Milk	304	304	0	0		0.02	0.005	GCMS & LCMS-MS	P
Dichlobenil	Milk	304	304	0	0		0.02	0.02	GCMS	P
Dichlofenthion	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Dichlofluanid	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Dichloran	Milk	304	304	0	0		0.01	0.005	GCMS	P
Dichlorvos	Milk	304	304	0	0		0.02	0.005	GCMS	P
Diclobutrazol	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Diclocymet	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Diclofop-methyl	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Dicloran	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Diclosulam	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Dicloxacillin	Milk	317	317	0	0		0.03	0.01	Microbial Inhibition	IS
Dicofol	Milk	304	304	0	0		0.01	0.005	GCMS	P
Dicrotophos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Dicyandiamide (DCD)	Milk	194	193	1	0	●	0.1	0.05	LCMS-MS	C
Didecyl phthalate (DDP)	Milk	113	113	0	0		1	0.3	HPLC-MS/MS	Pht
Dieldrin	Milk	304	304	0	0		0.006	0.003	GCMS	P
Diethofencarb	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Diethyl Phthalate (DEP)	Milk	113	112	1	0	●	1	0.3	HPLC-MS/MS	Pht
Difenoconazole	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Diflubenzuron	Milk	256	255	1	0	●	0.01	0.01	LCMS-MS	P
Diflufenican	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Diheptyl phthalate (DHP)	Milk	113	113	0	0		1	0.3	HPLC-MS/MS	Pht
Dihexyl phthalate (DHXP)	Milk	113	113	0	0		1	0.3	HPLC-MS/MS	Pht
Diisobutyl phthalate (DIBP)	Milk	113	113	0	0		1	0.3	HPLC-MS/MS	Pht
Diisodecyl phthalate (DIDP)	Milk	113	112	1	0	●	1	0.3	HPLC-MS/MS	Pht
Diisononyl phthalate (DINP)	Milk	113	113	0	0		1	0.3	HPLC-MS/MS	Pht



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Diisopropyl phthalate (DIP)	Milk	113	113	0	0		1	0.3	HPLC-MS/MS	Pht
Dimepiperate	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Dimethenamid	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Dimethoate	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Dimethomorph	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Dimethyl phthalate (DMP)	Milk	113	113	0	0		1	0.3	HPLC-MS/MS	Pht
Dimethylvinphos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Di-n-butyl phthalate (DBP)	Milk	113	113	0	0		1	0.3	HPLC-MS/MS	Pht
Di-n-octyl phthalate (DNOP)	Milk	113	113	0	0		1	0.3	HPLC-MS/MS	Pht
Dioxabenzofos	Milk	304	304	0	0		0.01	0.01	GCMS	P
Dioxathion	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Dipentyl phthalate (DNPP)	Milk	113	113	0	0		1	0.3	HPLC-MS/MS	Pht
Diphenamid	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Diphenylamine	Milk	304	304	0	0		0.01	0.005	GCMS	P
Disulfoton	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Dithiopyr	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Diuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Dodine	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Doramectin	Milk	216	216	0	0		0.003	0.001	HPLC-FL	ML
Doxycycline	Milk	317	317	0	0		0.3	0.3	Microbial Inhibition	IS
Edifenphos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Enamectin	Milk	216	216	0	0		0.01	0.001	LCMS-MS	ML
Endosulfan sulphate	Milk	304	304	0	0		0.01	0.002	GCMS	P
Endosulphan I (alpha)	Milk	304	304	0	0		0.004	0.002	GCMS & GC-ECD	P
Endosulphan II (beta)	Milk	304	304	0	0		0.004	0.002	GCMS & GC-ECD	P
Endrin	Milk	304	304	0	0		0.01	0.005	GCMS	P
EPN	Milk	304	304	0	0		0.02	0.005	GCMS	P
Epoxiconazole	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Eprinomectin	Milk	216	216	0	0		0.02	0.001	HPLC-FL	ML



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
EPTC	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Erythromycin	Milk	304	304	0	0		0.05	0.01	Microbial Inhibition (2)	MIT
Esfenvalerate	Milk	304	304	0	0		0.01	0.01	GCMS	P
Esprocarb	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Ethalfuralin	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Ethametsulfuron-methyl	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Ethiofencarb	Milk	304	304	0	0		0.01	0.01	GCMS	P
Ethion	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Ethiprole	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Ethoprophos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Ethoxyquin	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Ethoxysulfuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Ethylchlozate	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Etobenzanid	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Etoxazole	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Etridiazole	Milk	304	304	0	0		0.01	0.005	GCMS	P
Etrimfos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Famoxadone	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Famphur	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenamidone	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Fenamiphos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fenarimol	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenbendazole	Milk	150	150	0	0		0.01	0.01	LC-MS/MS	B
Fenbendazole sulphone	Milk	150	150	0	0		0.01	0.01	LC-MS/MS	B
Fenbendazole sulphoxide	Milk	150	150	0	0		0.01	0.01	LC-MS/MS	B
Fenbuconazole	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Fenchlorophos	Milk	304	304	0	0		0.01	0.01	GCMS & GC-ECD	P
Fenchlorphos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenhexamid	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Fenitrothion	Milk	304	304	0	0		0.01	0.005	GCMS	P
Fenobucarb	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fenothiocarb	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Fenoxanil	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fenoxaprop	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Fenoxaprop-ethyl	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fenoxycarb	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenpiclonil	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenpropathrin	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenpropimorph	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenpyroximate	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Fensulfothion	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenthion	Milk	304	304	0	0		0.05	0.005	GCMS & LCMS-MS	P
Fenthion sulfone	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Fenthion sulfoxide	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Fentrazamide	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Fenvalerate	Milk	304	304	0	0		0.01	0.005	GCMS	P
Fenvalerate (esfen-)	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Ferimzone	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Fipronil	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Flamprop	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Flamprop-methyl	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Flazasulfuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Florfenicol	Milk	285	285	0	0		0.0002	0.0002	HPLC-MS/MS	A6
Fluacrypyrim	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fluazifop-p-butyl	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fluazinam	Milk	304	304	0	0		0.02	0.02	GCMS	P
Fluaziprop-p-butyl	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Flubenzaole	Milk	150	150	0	0		0.01	0.01	LC-MS/MS	B



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Flucythrinate	Milk	304	304	0	0		0.01	0.01	GCMS	P
Fludioxonil	Milk	304	304	0	0		0.01	0.005	GCMS	P
Flufenacet	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Flumethrin	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Flumiclorac-pentyl	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Flumioxazin	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Flunixin	Milk	150	150	0	0		0.01	0.01	GC-MS	NS
Fluometuron	Milk	256	256	0	0		0.01	0.005	LCMS-MS	P
Fluquinconazole	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fluridone	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Flusilazole	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Flusulfamide	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Fluthiacet-methyl	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Flutolanil	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Flutriafol	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fluvalinate	Milk	304	304	0	0		0.01	0.01	GCMS	P
Folpet	Milk	256	256	0	0		0.01	0.005	LCMS-MS	P
Fomesafen	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Fonofos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Forchlorfenuron	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Formetanate hydrochloride	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Fosthiazate	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fuberidazole	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Furalaxyl	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Furametpyr	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Furathiocarb	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Gentamycin	Milk	304	304	0	0		0.01	0.01	Microbial Inhibition (2)	MIT
Halosulfuron-methyl	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Haloxypyr-etotyl	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Haloxfop-methyl	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Heptachlor	Milk	304	304	0	0		0.01	0.005	GCMS	P
Heptachlor epoxide	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Heptenophos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Hexachlorobenzene	Milk	304	304	0	0		0.01	0.005	GCMS	P
Hexachlorocyclohexane- beta (refer	Milk	0	0	0	0					P
Hexachlorocyclohexane-alpha (refer	Milk	0	0	0	0					P
Hexaconazole	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Hexaflumuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Hexazinone	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Hexythiazox	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Imazalil	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Imazamethabenz-methyl	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Imazosulfuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Imidacloprid	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Inabenfide	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Indanofan	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Indoxacarb	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Inhibitory Substances	Milk	317	317	0	0		0.004	0.002	Microbial Inhibition	IS
Iodofenphos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Iodosulfuron-methyl	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Iprobenfos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Iprodione	Milk	304	304	0	0		0.01	0.005	GCMS	P
Iprovalicarb	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Isazophos	Milk	304	304	0	0		0.01	0.005	GCMS	P
Isofenphos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Isofenphos-methyl	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Isoprocab	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Isoprothiolane	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Isoproturon	Milk	256	256	0	0		0.01	0.005	LCMS-MS	P
Isoxathion	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Ivermectin	Milk	216	216	0	0		0.005	0.001	HPLC-FL	ML
Kanamycin	Milk	304	304	0	0		0.1	0.1	Microbial Inhibition (2)	MIC
Karbutilate	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Ketoprofen	Milk	150	150	0	0		0.01	0.01	GC-MS	NS
Kresoxim-methyl	Milk	304	304	0	0		0.01	0.005	GCMS	P
Lactofen	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Lasalocid	Milk	121	121	0	0		0.005	0.005	HPLC-MS/MS	PC
Lead	Milk	128	128	0	0		0.01	0.005	Wet oxidation/ICPMS	EL
Lenacil	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
leptophos	Milk	304	304	0	0		0.01	0.01	GCMS	P
Levamisole	Milk	150	150	0	0		0.01	0.01	LC-MS/MS	B
Lindane (gamma HCCH)	Milk	304	304	0	0		0.008	0.002	GCMS & GC-ECD	P
Linuron	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Lufenuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Maduramicin	Milk	121	121	0	0		0.022	0.022	HPLC-MS/MS	PC
Malathion	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Mandipropamid	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Mebendazole	Milk	150	150	0	0		0.01	0.01	LC-MS/MS	B
Mefenacet	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Mefenpyr-diethyl	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Melamine	Milk	200	200	0	0		1	0.1	HPLC-MS/MS	O
Mepanipyrim	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Mepronil	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Mercury	Milk	128	128	0	0		0.005	0.005	Acid digest/ICPMS	EL
Metalaxyl	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Metamitron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Metconazole	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Methabenzthiazuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Methacrifos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Methamidophos	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Methidathion	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Methiocarb	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Methomyl	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Methoxyfenozide	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Metobromuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Metolochlor	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Metominostrobin (E)	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Metominostrobin (Z)	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Metosulam	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Metribuzin	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Mevinphos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Molinate	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Monensin	Milk	121	121	0	0		0.003	0.003	HPLC-MS/MS	PC
Monocrotophos	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Monolinuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Moxidectin	Milk	216	216	0	0		0.04	0.001	HPLC-FL	ML
Myclobutanil	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Nafcillin	Milk	317	317	0	0		0.025	0.004	Microbial Inhibition	IS
Napropamide	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Narasin	Milk	121	121	0	0		0.006	0.006	HPLC-MS/MS	PC
Neomycin	Milk	304	304	0	0		0.5	0.02	Microbial Inhibition (2)	MIT
Nicotine	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Nitrates	Milk	0	0	0	0		1	0.1	colorimetric	NO
Nitrites	Milk	0	0	0	0		0.1	0.01	colorimetric	NO
Nitrofen	Milk	304	304	0	0		0.01	0.005	GCMS	P
Nitrothal isopropyl	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Norflurazon	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Novaluron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Oleandomycin	Milk	304	304	0	0		0.1	0.05	Microbial Inhibition (2)	MIT
Omethoate	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Oryzalin	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Oxabetrinil	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Oxacillin	Milk	317	317	0	0		0.025	0.005	Microbial Inhibition	IS
Oxadiazon	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Oxadixyl	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Oxamyl	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Oxibendazole	Milk	150	150	0	0		0.01	0.01	LC-MS/MS	B
Oxidiazon	Milk	304	304	0	0		0.01	0.01	GCMS & GC-ECD	P
Oxycarboxin	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Oxyfluorfen	Milk	304	304	0	0		0.01	0.005	GCMS	P
Oxyfluorfen	Milk	304	304	0	0		0.01	0.01	GCMS & GC-ECD	P
Oxytetracycline	Milk	317	317	0	0		0.5	0.5	Microbial Inhibition	IS
Oxytetracycline	Milk	317	317	0	0		0.1	0.05	Elisa	IS
Oxytetracycline	Milk	304	304	0	0		0.1	0.015	Microbial Inhibition (2)	MIT
Paclobutrazol	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Parathion	Milk	304	304	0	0		0.01	0.005	GCMS	P
Parathion ethyl	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Parathion-methyl	Milk	304	304	0	0		0.01	0.005	GCMS	P
Penconazole	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Pencycuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Pendimethalin	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Penicillin (benzyl)	Milk	317	316	1	0	●	0.004	0.002	Microbial Inhibition	IS
Permethrin	Milk	304	304	0	0		0.01	0.005	GCMS	P
Phenmedipham	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Phenthoate	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Phenylbutazone	Milk	150	150	0	0		0.01	0.01	GC-MS	NS
Phorate	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Phorate sulfone	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Phorate sulphoxide	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Phosalone	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Phosmet	Milk	304	304	0	0		0.02	0.005	GCMS	P
Phosphamidon	Milk	304	304	0	0		0.012	0.012	GCMS & LCMS-MS	P
Phoxim	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Picolinafen	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Piperonyl butoxide	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Piperophos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pirimicarb	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Pirimiphos methyl	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Pretilachlor	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Prochloraz	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Procymidone	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Profenofos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Promecarb	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Prometryn	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propachlor	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propamocarb	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Propanil	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Propaphos	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Propaquizafop	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Propargite	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propazine	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propazyamide	Milk	304	304	0	0		0.01	0.01	GCMS & GC-ECD	P
Propetamphos	Milk	304	304	0	0		0.1	0.005	GCMS	P
Propham	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Propiconazole	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propoxur	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propyzamide	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Prosulfocarb	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Prothiofos	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Pymetrozine	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Pyraclostrobin	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyraflufen ethyl	Milk	304	304	0	0		0.01	0.01	GCMS	P
Pyrazophos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Pyremethanil	Milk	304	304	0	0		0.01	0.01	GCMS & GC-ECD	P
Pyributicarb	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyridaben	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyridaphenthion	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyrifalid	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Pyrifenox	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Pyrimethanil	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Pyrimidifen	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyriminobac-methyl (E)	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyriminobac-methyl (Z)	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyriproxyfen	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Pyroquilon	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Quinalphos	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Quinoclamine	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Quinoxifen	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Quintozene	Milk	304	304	0	0		0.01	0.005	GCMS	P
Quizalofop-ethyl	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Rimsulfuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Salinomycin	Milk	121	121	0	0		0.003	0.003	HPLC-MS/MS	PC
SEM (Nitrofurazone)	Milk	285	285	0	0		0.001	0.00015	LC-MS/MS	N



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Semduramacin	Milk	121	121	0	0		0.02	0.02	HPLC-MS/MS	PC
Sethoxydim	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Simazine	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Simeconazole	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Simetryn	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Spinosad	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Spiramycin	Milk	304	304	0	0		0.1	0.04	Microbial Inhibition (2)	MIT
Spiromesifen	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Spiromesifen-enol	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Spiroxamine	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Streptomycin/ Dihydrostreptomycin	Milk	304	304	0	0		0.1	0.02	Microbial Inhibition (2)	MIT
Sulfadiazine	Milk	317	317	0	0		0.1	0.05	Microbial Inhibition	IS
Sulfentrazone	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Sulfisoxazole	Milk	317	317	0	0		0.1	0.025	Microbial Inhibition	IS
Sulphamethazine (sulphadimidine)	Milk	317	317	0	0		0.1	0.1	Microbial Inhibition	IS
Sulphonamide group (typical – refer to	Milk	317	317	0	0		0.1	0.1	Microbial Inhibition	IS
Sulprofos	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Tebuconazole	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tebufenozide	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Tebufenpyrad	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tebuthiuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Tecnazene	Milk	304	304	0	0		0.01	0.01	GCMS	P
Teflubenzuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Tefluthrin	Milk	304	304	0	0		0.02	0.02	GCMS	P
Temephos	Milk	256	256	0	0		0.1	0.02	LCMS-MS	P
Tepraloxymid	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Terbacil	Milk	304	304	0	0		0.01	0.005	GCMS	P
Terbufos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Terbumeton	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Terbutylazine	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Terbutryn	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tetrachlorofenvinphos	Milk	304	304	0	0		0.01	0.01	GCMS & GC-ECD	P
Tetrachlorvinphos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tetraconazole	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Tetracycline	Milk	317	317	0	0		0.5	0.5	Microbial Inhibition	IS
Tetracycline	Milk	317	317	0	0		0.1	0.1	Elisa	IS
Tetracycline	Milk	304	304	0	0		0.1	0.015	Microbial Inhibition (2)	MIT
Tetradifon	Milk	304	304	0	0		0.01	0.005	GCMS	P
Tetradifon	Milk	304	304	0	0		0.01	0.01	GCMS & GC-ECD	P
Thenylchlor	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Thiabendazole	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Thiacloprid	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Thiamethoxam	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Thiazopyr	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Thidiazuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Thiobencarb	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Thiocyclam hydrogenoxalate	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Thiometon	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Tiadinil	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Tolclofos methyl	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tolyfluanid	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tralkoxydim	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Triadimefon	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Triadimenol	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Trialkoxydim	Milk	304	304	0	0		0.01	0.005	GCMS & GC-ECD	P
Triallate	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Triasulfuron	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Triazophos	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Tribenuron-methyl	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Tribufos	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Trichabendazole	Milk	150	150	0	0		0.01	0.01	LC-MS/MS	B
Trichlorfon	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Tricyclazole	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Trifloxystrobin	Milk	304	304	0	0		0.01	0.005	GCMS & LCMS-MS	P
Trifloxysulfuron sodium	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Triflumizole	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Triflumuron	Milk	256	255	1	0	●	0.01	0.01	LCMS-MS	P
Trifluralin	Milk	304	304	0	0		0.02	0.02	GCMS	P
Triflurosulfuron-methyl	Milk	256	256	0	0		0.02	0.02	LCMS-MS	P
Triforine	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Tylosin	Milk	304	304	0	0		0.05	0.011	Microbial Inhibition (2)	MIT
Uniconazole-P	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Vamidothion	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Vinclozolin	Milk	304	304	0	0		0.01	0.005	GCMS	P
XMC	Milk	304	304	0	0		0.01	0.01	GCMS & LCMS-MS	P
Zoxamide	Milk	256	256	0	0		0.01	0.01	LCMS-MS	P
Sub total	Milk	146,510	146,462	46	2					



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Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Acephate	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Acetamiprid	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Acetochlor	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Acibenzolar-S-methyl	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Acifluorfen	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Aflatoxin M ₁	Colostrum	29	28	1	0	●	0.00005	0.00001	Elisa	FT
AHD (Nitrofurantoin)	Colostrum	29	29	0	0		0.001	0.0001	LC-MS/MS	N
Alachlor	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Alanycarb	Colostrum	29	29	0	0		0.05	0.05	LCMS-MS	P
Albendazole	Colostrum	29	29	0	0		0.1	0.01	LC-MS/MS	B
Albendazole Sulphone	Colostrum	29	29	0	0		0.01	0.01	LC-MS/MS	B
Albendazole sulphoxide	Colostrum	29	29	0	0		0.1	0.01	LC-MS/MS	B
Aldicarb	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Aldicarb-sulfone	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Aldicarb-sulfoxide	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Aldrin	Colostrum	29	29	0	0		0.006	0.005	GCMS & -GC-E	P
Allidochlor	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Ametryn	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Amoxycillin	Colostrum	29	29	0	0		0.004	0.002	Microbial Inhibition	IS
AMOX (Furaltodone)	Colostrum	29	29	0	0		0.001	0.0002	LC-MS/MS	N
Ampicillin	Colostrum	29	29	0	0		0.004	0.002	Microbial Inhibition	IS
Anilofos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
AOZ (Furazolidone)	Colostrum	29	29	0	0		0.001	0.0002	LC-MS/MS	N
Arsenic	Colostrum	29	29	0	0		0.01	0.01	Wet oxidation/ICPMS	EL
Atrazine	Colostrum	29	29	0	0		0.02	0.02	GCMS & LCMS-MS	P
Azaconazole	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Azamethiphos	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Azinphos-methyl	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Azoxystrobin	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Benalaxyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Bendiocarb	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Benfluralin	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Benfuracarb	Colostrum	29	29	0	0		0.05	0.05	LCMS-MS	P
Benodanil	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Benoxacor	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Bensulfuron-methyl	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Bensulide	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Betamethazone	Colostrum	28	28	0	0		0.0003	0.0003	GC-MS	D
BHC (alpha)	Colostrum	29	29	0	0		0.01	0.002	GCMS	P
BHC (beta)	Colostrum	29	29	0	0		0.01	0.002	GCMS	P
BHC (delta)	Colostrum	29	29	0	0		0.02	0.02	GCMS	P
Bifenox	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Bifenthrin	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Binapacryl	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Bioresmethrin	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Bismuth	Colostrum	29	17	6	6	⚠	0.1	0.01	Acid digest/ICPMS	EL
Bitertanol	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Boscalid	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Bromacil	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Bromobutide	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Bromophos methyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Bromopropylate	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Bromosphos ethyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Bupirimate	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Buprofezin	Colostrum	29	29	0	0		0.01	0.005	GCMS/GC-ECD & LCMS-MS	P
Butachlor	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Butafenacil	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Butamifos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Butyl benzyl phthalate (BBP)	Colostrum	29	29	0	0		1	0.4	HPLC-MS/MS	Pht
Cadmium	Colostrum	29	29	0	0		0.03	0.002	Wet oxidation/ICPMS	EL
Cadusafos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Cafenstrole	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Captan	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Carbaryl	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Carbendazim	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Carbetamide	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Carbofuran	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Carboxin	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Carfentrazone-ethyl	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Carpropamid	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Cefalonium	Colostrum	29	29	0	0		0.02	0.008	Microbial Inhibition	IS
Cefapirin	Colostrum	29	29	0	0		0.01	0.004	Microbial Inhibition	IS
Cefazolin	Colostrum	29	29	0	0		0.02	0.005	Microbial Inhibition	IS
Cefoperazone	Colostrum	29	29	0	0		0.03	0.03	Microbial Inhibition	IS
Cefuroxime	Colostrum	29	29	0	0		0.036	0.036	Microbial Inhibition	IS
Chlorbufam	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
chlordane-cis	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
chlordane-trans	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
chlorfenapyr	Colostrum	29	29	0	0		0.02	0.02	GCMS	P
Chlorfenvinphos	Colostrum	29	29	0	0		0.1	0.005	GCMS & LCMS-MS	P
Chloridazon	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Chlorimuron-ethyl	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Chlornitrofen	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Chlorobenzilate	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Chlorothalonil	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Chloroxuron	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Chlorpropham	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Chlorpyrifos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Chlorpyrifos ethyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Chlorpyrifos methyl	Colostrum	29	29	0	0		0.01	0.005	GCMS/GC-ECD & LCMS-MS	P
Chlorsulfuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Chlortetracycline	Colostrum	29	29	0	0		0.1	0.1	Elisa	IS
Chlorthal dimethyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Chlortoluron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Chlortalone	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Chromafenozide	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Cinidon-ethyl	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Clethodim	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Clodinafop-propargyl	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Clofentezine	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Clomazone	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Cloquintocet-mexyl	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Clothianidin	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Cloxacillin	Colostrum	29	29	0	0		0.03	0.015	Microbial Inhibition	IS
Cobalt	Colostrum	29	29	0	0		0.1	0.02	Wet oxidation/ICPMS	EL
Coumaphos	Colostrum	29	29	0	0		0.01	0.005	GCMS/GC-ECD & LCMS-MS	P
Coumaphos oxon	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Cyanazine	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Cyanophos	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Cyanuric Acid	Colostrum	29	28	1	0	●	1	0.1	HPLC-MS/MS	O
Cyazofamid	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Cyclanilide	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Cycloate	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Cyclosulfamuron	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Cyflufenamid	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Cyfluthrin	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
cyhalofop-butyl	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Cyhalothrin	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Cymoxanil	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Cypermethrin	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Cyproconazole	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Cyprodinil	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Cyromazine	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Daimuron	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
DDD (o,p')	Colostrum	29	29	0	0		0.02	0.002	GCMS	P
DDD (p,p')	Colostrum	29	29	0	0		0.02	0.002	GCMS	P
DDE (o,p')	Colostrum	29	29	0	0		0.02	0.002	GCMS	P
DDE (p,p')	Colostrum	29	11	15	3	⊖	0.02	0.002	GCMS	P
DDT (o,p')	Colostrum	29	29	0	0		0.02	0.002	GCMS	P
DDT (p,p')	Colostrum	29	29	0	0		0.02	0.002	GCMS	P
Deltamethrin	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Demeton-s-methyl	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Demeton-s-methyl-sulfoxide	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Desmedipham	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Dexamethazone	Colostrum	28	28	0	0		0.0003	0.0003	GC-MS	D
Di(2-ethylhexyl) adipate (DEHA)	Colostrum	29	26	3	0	●	1	0.4	HPLC-MS/MS	Pht
Di(2-ethylhexyl) phthalate (DEHP)	Colostrum	29	15	14	0	●	1	0.4	HPLC-MS/MS	Pht
Di-allate	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Diazinon	Colostrum	29	29	0	0		0.02	0.005	GCMS & LCMS-MS	P
Dichlobenil	Colostrum	29	29	0	0		0.02	0.02	GCMS	P
Dichlofenthion	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Dichlofluanid	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Dichloran	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Dichlorvos	Colostrum	29	29	0	0		0.02	0.005	GCMS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Diclobutrazol	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Diclocymet	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Diclofop-methyl	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Dicloran	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Diclosulam	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Dicloxacin	Colostrum	29	29	0	0		0.03	0.01	Microbial Inhibition	IS
Dicofol	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Dicrotophos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Didecyl phthalate (DDP)	Colostrum	29	29	0	0		1	0.4	HPLC-MS/MS	Pht
Dieldrin	Colostrum	29	29	0	0		0.006	0.003	GCMS	P
Diethofencarb	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Diethyl Phthalate (DEP)	Colostrum	29	28	1	0	●	1	0.4	HPLC-MS/MS	Pht
Difenoconazole	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Diflubenzuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Diflufenican	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Diheptyl phthalate (DHP)	Colostrum	29	29	0	0		1	0.4	HPLC-MS/MS	Pht
Dihexyl phthalate (DHXP)	Colostrum	29	29	0	0		1	0.4	HPLC-MS/MS	Pht
Diisobutyl phthalate (DIBP)	Colostrum	29	28	1	0	●	1	0.4	HPLC-MS/MS	Pht
Diisodecyl phthalate (DIDP)	Colostrum	29	29	0	0		1	0.4	HPLC-MS/MS	Pht
Diisononyl phthalate (DINP)	Colostrum	29	29	0	0		1	0.4	HPLC-MS/MS	Pht
Diisopropyl phthalate (DIP)	Colostrum	29	29	0	0		1	0.4	HPLC-MS/MS	Pht
Dimepiperate	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Dimethenamid	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Dimethoate	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Dimethomorph	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Dimethyl phthalate (DMP)	Colostrum	29	29	0	0		1	0.4	HPLC-MS/MS	Pht
Dimethylvinphos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Di-n-butyl phthalate (DBP)	Colostrum	29	29	0	0		1	0.4	HPLC-MS/MS	Pht
Di-n-octyl phthalate (DNOP)	Colostrum	29	29	0	0		1	0.4	HPLC-MS/MS	Pht



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Dioxabenzofos	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Dioxathion	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Dipentyl phthalate (DNPP)	Colostrum	29	29	0	0		1	0.4	HPLC-MS/MS	Pht
Diphenamid	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Diphenylamine	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Disulfoton	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Dithiopyr	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Diuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Dodine	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Doxycycline	Colostrum	29	29	0	0		0.3	0.3	Microbial Inhibition	IS
Edifenphos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Endosulfan sulphate	Colostrum	29	29	0	0		0.01	0.002	GCMS	P
Endosulphan I (alpha)	Colostrum	29	29	0	0		0.004	0.002	GCMS & GC-ECD	P
Endosulphan II (beta)	Colostrum	29	29	0	0		0.004	0.002	GCMS & GC-ECD	P
Endrin	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
EPN	Colostrum	29	29	0	0		0.02	0.005	GCMS	P
Epoxiconazole	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
EPTC	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Esfenvalerate	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Esprocarb	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Ethalfuralin	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Ethametsulfuron-methyl	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Ethiofencarb	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Ethion	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Ethiprole	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Ethoprophos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Ethoxyquin	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Ethoxysulfuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Ethylchlozate	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Etobenzanid	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Etiozole	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Etridazole	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Etrifos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Famoxadone	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Famphur	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenamidone	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Fenamiphos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fenarimol	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenbendazole	Colostrum	29	29	0	0		0.01	0.01	LC-MS/MS	B
Fenbendazole sulphone	Colostrum	29	29	0	0		0.01	0.01	LC-MS/MS	B
Fenbendazole sulfoxide (Oxfendazole)	Colostrum	29	29	0	0		0.01	0.01	LC-MS/MS	B
Fenbuconazole	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Fenchlorophos	Colostrum	29	29	0	0		0.01	0.01	GCMS & GC-ECD	P
Fenchlorphos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenhexamid	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Fenitrothion	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Fenobucarb	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fenothiocarb	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Fenoxanil	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fenoxaprop	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Fenoxaprop-ethyl	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fenoxycarb	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenpiclonil	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenpropathrin	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenpropimorph	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenpyroximate	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Fensulfothion	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fenthion	Colostrum	29	29	0	0		0.05	0.005	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Fenthion sulfone	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Fenthion sulfoxide	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Fentrazamide	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Fenvalerate	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Fenvalerate (esfen-)	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Ferimzone	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Fipronil	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Flamprop	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Flamprop-methyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Flazasulfuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Fluacrypyrim	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fluazifop-p-butyl	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fluazinam	Colostrum	29	29	0	0		0.02	0.02	GCMS	P
Fluaziprop-p-butyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Flubenzaole	Colostrum	29	29	0	0		0.01	0.01	LC-MS/MS	B
Flucythrinate	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Fludioxonil	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Flufenacet	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Flumethrin	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Flumiclorac-pentyl	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Flumioxazin	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Flunixin	Colostrum	28	28	0	0		0.4	0.4	GC-MS	NS
Fluometuron	Colostrum	29	29	0	0		0.01	0.005	LCMS-MS	P
Fluquinconazole	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fluridone	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Flusilazole	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Flusulfamide	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Fluthiacet-methyl	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Flutolanil	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Flutriafof	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Fluvalinate	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Folpet	Colostrum	29	29	0	0		0.01	0.005	LCMS-MS	P
Fomesafen	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Fonofos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Forchlorfenuron	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Formetanate hydrochloride	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Fosthiazate	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Fuberidazole	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Furalaxyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Furametpyr	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Furathiocarb	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Gentamycin	Colostrum	0	0	0	0		0.01	0.01	Microbial Inhibition (2)	MIT
Halosulfuron-methyl	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Haloxypop-etotyl	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Haloxypop-methyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Heptachlor	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Heptachlor epoxide	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Heptenophos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Hexachlorobenzene	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Hexachlorocyclohexane- beta (refer BHC beta)										
Hexachlorocyclohexane-alpha (refer BHC alpha)										
Hexaconazole	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Hexaflumuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Hexazinone	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Hexythiazox	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Imazalil	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Imazamethabenz-methyl	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Imazosulfuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Imidacloprid	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Inabenfide	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Indanofan	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Indoxacarb	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Inhibitory Substances	Colostrum	29	27	2	0	●	0.004	0.002	Microbial Inhibition	IS
Iodofenphos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Iodosulfuron-methyl	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Iprobenfos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Iprodione	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Iprovalicarb	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Isazophos	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Isofenphos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Isofenphos-methyl	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Isoprocab	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Isoprothiolane	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Isoproturon	Colostrum	29	29	0	0		0.01	0.005	LCMS-MS	P
Isoxathion	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Karbutilate	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Ketoprofen	Colostrum	28	28	0	0		0.01	0.01	GC-MS	NS
Kresoxim-methyl	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Lactofen	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Lead	Colostrum	29	21	8 x trace	0	●	0.01	0.001	Wet oxidation/ICPMS	EL
Lenacil	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
leptophos	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Levamisole	Colostrum	29	29	0	0		0.01	0.01	LC-MS/MS	B
Lindane (gamma HCH)	Colostrum	29	29	0	0		0.008	0.002	GCMS & GC-ECD	P
Linuron	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Lufenuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Malathion	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Mandipropamid	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Mebendazole	Colostrum	29	29	0	0		0.01	0.01	LC-MS/MS	B
Mefenacet	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Mefenpyr-diethyl	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Melamine	Colostrum	29	29	0	0		1	0.1	HPLC-MS/MS	O
Mepanipyrim	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Mepronil	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Mercury	Colostrum	29	29	0	0		0.005	0.005	Acid digest/ICPMS	EL
Metalaxyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Metamitron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Metconazole	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Methabenzthiazuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Methacrifos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Methamidophos	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Methidathion	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Methiocarb	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Methomyl	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Methoxyfenozide	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Metobromuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Metolochlor	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Metominostrobin (E)	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Metominostrobin (Z)	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Metosulam	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Metribuzin	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Mevinphos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Molinate	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Monocrotophos	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Monolinuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Myclobutanil	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Nafcillin	Colostrum	29	29	0	0		0.004	0.002	Microbial Inhibition	IS
Napropamide	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Neomycin	Colostrum	29	29	0	0		0.5	0.5	Microbial Inhibition	IS
Nicotine	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Nitrofen	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Nitrothal isopropyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Norflurazon	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Novaluron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Omethoate	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Oryzalin	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Oxabetrinil	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Oxacillin	Colostrum	29	29	0	0		0.01	0.005	Microbial Inhibition	IS
Oxadiazon	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Oxadixyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Oxamyl	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Oxibendazole	Colostrum	29	29	0	0		0.01	0.01	LC-MS/MS	B
Oxidiazon	Colostrum	29	29	0	0		0.01	0.01	GCMS & GC-ECD	P
Oxycarboxin	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Oxyfluorfen	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Oxyfluorofen	Colostrum	29	29	0	0		0.01	0.01	GCMS & GC-ECD	P
Oxytetracycline	Colostrum	29	29	0	0		0.1	0.05	Elisa	IS
Paclobutrazol	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Parathion	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Parathion ethyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Parathion-methyl	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Penconazole	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Pencycuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Pendimethalin	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Penicillin (benzyl)	Colostrum	29	29	0	0		0.004	0.002	Microbial Inhibition	IS



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Permethrin	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Phenmedipham	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Phenthoate	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Phenylbutazone	Colostrum	28	28	0	0		0.1	0.1	GC-MS	NS
Phorate	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Phorate sulfone	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Phorate sulphoxide	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Phosalone	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Phosmet	Colostrum	29	29	0	0		0.02	0.005	GCMS	P
Phosphamidon	Colostrum	29	29	0	0		0.012	0.012	GCMS & LCMS-MS	P
Phoxim	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Picolinafen	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Piperonyl butoxide	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Piperophos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pirimicarb	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Pirimiphos methyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Pretilachlor	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Prochloraz	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Procymidone	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Profenofos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Promecarb	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Prometryn	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propachlor	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propamocarb	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Propanil	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Propaphos	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Propaquizafop	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Propargite	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propazine	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Propazamide	Colostrum	29	29	0	0		0.01	0.01	GCMS & GC-ECD	P
Propetamphos	Colostrum	29	29	0	0		0.1	0.005	GCMS	P
Propham	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propiconazole	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propoxur	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Propyzamide	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Prosulfocarb	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Prothiofos	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Pymetrozine	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Pyraclostrobin	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyraflufen ethyl	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Pyrazophos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Pyremethanil	Colostrum	29	29	0	0		0.01	0.01	GCMS & GC-ECD	P
Pyributicarb	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyridaben	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyridaphenthion	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyrifalid	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Pyrifenox	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Pyrimethanil	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Pyrimidifen	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyriminobac-methyl (E)	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyriminobac-methyl (Z)	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Pyriproxyfen	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Pyroquilon	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Quinalphos	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Quinoclamine	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Quinoxifen	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Quintozene	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Quizalofop-ethyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Rimsulfuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
SEM (Nitrofurazone)	Colostrum	29	29	0	0		0.001	0.00015	LC-MS/MS	N
Sethoxydim	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Simazine	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Simeconazole	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Simetryn	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Spinosad	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Spiromesifen	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Spiromesifen-enol	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Spiroxamine	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Sulfadiazine	Colostrum	29	29	0	0		0.1	0.05	Microbial Inhibition	IS
Sulfentrazone	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Sulfisoxazole	Colostrum	29	29	0	0		0.1	0.025	Microbial Inhibition	IS
Sulphamethazine (sulphadimidine)	Colostrum	29	29	0	0		0.1	0.1	Microbial Inhibition	IS
Sulphonamide group (typical – refer to	Colostrum	29	29	0	0		0.1	0.1	Microbial Inhibition	IS
Sulprofos	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Tebuconazole	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tebufenozide	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Tebufenpyrad	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tebuthiuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Tecnazene	Colostrum	29	29	0	0		0.01	0.01	GCMS	P
Teflubenzuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Tefluthrin	Colostrum	29	29	0	0		0.02	0.02	GCMS	P
Temephos	Colostrum	29	28	1	0	●	0.1	0.02	LCMS-MS	P
Tepraloxym	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Terbacil	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Terbufos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Terbumeton	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Terbutylazine	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Terbutryn	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tetrachlorfenvinphos	Colostrum	29	29	0	0		0.01	0.01	GCMS & GC-ECD	P
Tetrachlorvinphos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tetraconazole	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Tetracycline	Colostrum	29	28	1	0	●	0.1	0.05	Elisa	IS
Tetradifon	Colostrum	29	29	0	0		0.01	0.01	GCMS & GC-ECD	P
Tetradifon	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
Thenylchlor	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Thiabendazole	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Thiacloprid	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Thiamethoxam	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Thiazopyr	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Thidiazuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Thiobencarb	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Thiocyclam hydrogenoxalate	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Thiometon	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Tiadinil	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Tolclofos methyl	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tolyfluanid	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tralkoxydim	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Triadimefon	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Triadimenol	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Trialkoxydim	Colostrum	29	29	0	0		0.01	0.005	GCMS & GC-ECD	P
Triallate	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Triasulfuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Triazophos	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Tribenuron-methyl	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Tribufos	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Trichabendazole	Colostrum	29	29	0	0		0.01	0.01	LC-MS/MS	B



Compound	Matrix	Samples Tested	Not Detected	Detection Below Limit	Detection Above Limit	Flag	Action Limit mg/l	LoR mg/l	Method	Code
Trichlorfon	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Tricyclazole	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Trifloxystrobin	Colostrum	29	29	0	0		0.01	0.005	GCMS & LCMS-MS	P
Trifloxysulfuron sodium	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Triflumizole	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Triflumuron	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Trifluralin	Colostrum	29	29	0	0		0.02	0.02	GCMS	P
Triflusulfuron-methyl	Colostrum	29	29	0	0		0.02	0.02	LCMS-MS	P
Triforine	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Uniconazole-P	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Vamidothion	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Vinclozolin	Colostrum	29	29	0	0		0.01	0.005	GCMS	P
XMC	Colostrum	29	29	0	0		0.01	0.01	GCMS & LCMS-MS	P
Zoxamide	Colostrum	29	29	0	0		0.01	0.01	LCMS-MS	P
Sub total	Colostrum	14,582	14,519	54	9					
Sub total	Milk	146,510	146,462	46	2					
Total	Milk & Colostrum	161,092	160,981	100	11					

Milk Integrity Summary: Compounds Expected to occur in Milk – July 2012 to June 2013

Compound	Matrix	Samples Tested	Not Detected	Present within Expected Limits	Present above Expected Limits	Flag	Expected Limit	Method	Code
Aluminium	Milk	34	5	29	0		max. 0.25 mg/l	Acid digest/ICPMS	EL
Aluminium	Colostrum	29	1	28	0		max. 0.25 mg/L	Acid digest/ICPMS	EL
Boron	Milk	34	13	21	0		max. 1 mg/L	Acid digest/ICPMS	EL
Boron	Colostrum	29	18	11	0		max. 1 mg/L	Acid digest/ICPMS	EL
Chromium	Milk	34	16	18	0		max. 0.2 mg/L	Acid digest/ICPMS	EL



Compound	Matrix	Samples Tested	Not Detected	Present within Expected Limits	Present above Expected Limits	Flag	Expected Limit	Method	Code
Chromium	Colostrum	29	27	2	0		max. 0.2 mg/L	Acid digest/ICPMS	EL
Copper	Milk	34	0	34	0		max. 0.1 mg/L	Acid digest/ICPMS	EL
Copper	Colostrum	29	0	29	0		max. 0.1 mg/L	Acid digest/ICPMS	EL
Iodine	Milk	34	0	34	0		max. 1.5 mg/L	TMAH Digestion/ICPMS	EL
Iodine	Colostrum	29	0	29	0		max. 1.5 mg/L	TMAH Digestion/ICPMS	EL
Iron	Milk	34	34	0	0		max. 0.5 mg/L	Acid digest/ICPMS	EL
Iron	Colostrum	29	8	21	0		max. 0.5 mg/L	Acid digest/ICPMS	EL
Selenium	Milk	128	0	128	0		max. 2 mg/L	Acid digest/ICPMS	EL
Selenium	Colostrum	29	0	29	0		max. 2 mg/L	Acid digest/ICPMS	EL
Zinc	Milk	34	0	34	0		max. 0.1 mg/L	Acid digest/ICPMS	EL
Zinc	Colostrum	29	0	29	0		max. 0.1 mg/L	Acid digest/ICPMS	EL
Sodium Thiocyanate	Milk	43	3	40	0		max. 35 mg/L		MC
IgG ₁	Milk	34	0	34	0		max. 1.35 g/L	Elisa	MC
IgG ₁	Milk	29	0	29	0		min. 2.0 g/L	Elisa	MC
Urea	Milk	317	0	317	0		min. 7 and max. 70	FTIR	MC
Total		1021	125	896	0				