

Certificate of Analysis

Submission Reference: PEST
Final ReportPre-registration ID: dLv-MQz-MQw
PO Number: Mark Leeson**Results .**
Dairy Goat Co-op (NZ) Ltd
117158 - Canning Test Costs Goat
PO Box 1398
Hamilton 3240
New Zealand

Report Issued: 14-Jun-2024

AsureQuality Reference: **24-154643**

Sample(s) Received: 05-Jun-2024 08:20

Testing Period: 05-Jun-2024 to 11-Jun-2024

Date of analysis is available on request.

Results

The tests were performed on the samples as received.

Customer Sample Name: T2EAI4010 batch 036675 time 1000 - Bambinchen 2 Follow On Milk **Lab ID:** 24-154643-1**Sample Description:** Canned formula**Sample Condition:** Acceptable

Test	Result	Unit	Method Reference
Multiresidue Pesticides in Dairy Powders			
Pesticides	No residues detected	mg/kg	AsureQuality Method (GC-MS/MS)
Refer to the attachment: Summary of Method Used and Reporting Limits.			

Multiresidue Pesticides in Dairy Powders - Dieldrin only - AsureQuality Method (GC-MS/MS)

No residues were detected above the LOR listed in the Appendix.

Multiresidue Pesticides in Dairy Powders - p,p'-DDE only - AsureQuality Method (GC-MS/MS)

No residues were detected above the LOR listed in the Appendix.

Customer Sample Name: T1EAH4013 batch 036855 time 1037 - Bambinchen 1 Infant Milk **Lab ID:** 24-154643-2**Sample Description:** Canned formula**Sample Condition:** Acceptable

Test	Result	Unit	Method Reference
Multiresidue Pesticides in Dairy Powders			
Pesticides	No residues detected	mg/kg	AsureQuality Method (GC-MS/MS)
Refer to the attachment: Summary of Method Used and Reporting Limits.			

Multiresidue Pesticides in Dairy Powders - Dieldrin only - AsureQuality Method (GC-MS/MS)

No residues were detected above the LOR listed in the Appendix.

Multiresidue Pesticides in Dairy Powders - p,p'-DDE only - AsureQuality Method (GC-MS/MS)

No residues were detected above the LOR listed in the Appendix.

Analysis Summary

Wellington Laboratory

Analysis	Method	Accreditation	Authorised by
Multiresidue Pesticides in Dairy Powders			
PS-MRGM07, 109-DP_PEST_INTER	AsureQuality Method (GC-MS/MS)	IANZ	Braden Davenport

AsureQuality Ltd has used reasonable skill, care, and effort to provide an accurate analysis of the sample(s) which form(s) the subject of this report. However, the accuracy of this analysis is reliant on, and subject to, the sample(s) provided by you and your responsibility as to transportation of the sample(s). AsureQuality Ltd's standard terms of business apply to the analysis set out in this report: <https://www.asurequality.com/about/terms-of-business/>

Analysis	Method	Accreditation	Authorised by
Multiresidue Pesticides in Dairy Powders - Dieldrin only			
PS-MRGM07, 111-DP_DIELDRIN	AsureQuality Method (GC-MS/MS)	IANZ	Braden Davenport
Multiresidue Pesticides in Dairy Powders - p,p'-DDE only			
PS-MRGM07, 117-DP_PP_DDE	AsureQuality Method (GC-MS/MS)	IANZ	Braden Davenport

Braden Davenport
 Scientist

Accreditation



Appendix

Analyte LOR Summary

Multiresidue Pesticides in Dairy Powders - Dieldrin only - AsureQuality Method (GC-MS/MS)

Analyte	LOR (mg/kg)
Dieldrin	0.0020

Multiresidue Pesticides in Dairy Powders - p,p'-DDE only - AsureQuality Method (GC-MS/MS)

Analyte	LOR (mg/kg)
p,p'-DDE	0.0020

LOR = Limit of Reporting

LOD = Limit of Detection

NR = Not Reportable

Summary of Method Used and Reporting Limits

Pesticide Residues in Dairy Powders by Gas Chromatography Triple Quadrupole Mass Spectrometry (GC-MS/MS)

Method Code: PS-MRGM07

The sample is extracted and purified using liquid-liquid partitions and dispersive solid phase extraction. Measurement is performed using gas chromatography triple quadrupole mass spectrometry.

The specific residues reported and their LORs are sample type (matrix) dependent. LOR = Limit of Reporting. NR = Not Reportable

Relates to Sample: 24-154643-1

Compound	LOR mg/kg	Compound	LOR mg/kg	Compound	LOR mg/kg
Acetochlor	0.0020	Epoxiconazole	0.0020	Parathion	0.0020
Alachlor	0.0020	EPTC	0.0020	Parathion-methyl	0.0020
Aldrin	0.0020	Ethion	0.0020	PCB 28	0.0020
Benalaxyl	0.0020	Etrifos	0.0020	PCB 52	0.0020
Bendiocarb	0.0020	Famphur	0.0020	PCB 101	0.0020
Benodanil	0.0020	Fenarimol	0.0020	PCB 105	0.0020
Bioresmethrin	0.0020	Fenchlorphos	0.0020	PCB 118	0.0020
Bromophos	0.0020	Fenitrothion	0.0020	PCB 138	0.0020
Bromophos-ethyl	0.0020	Fenoxycarb	0.0020	PCB 153	0.0020
Bromopropylate	0.0020	Fenpropathrin	0.0020	PCB 180	0.0020
Bupirimate	0.0020	Fensulfothion	0.0020	Penconazole	0.0020
Buprofezin	0.0020	Fenthion	0.0020	Pendimethalin	0.0020
Carbofuran	0.0020	Fenvalerate	0.0020	Permethrin	0.0020
cis-Chlordane	0.0020	Flamprop-methyl	0.0050	Phorate	0.0020
trans-Chlordane	0.0020	Fluazifop-P-butyl	0.0020	Phosalone	0.0020
Chlorfenvinphos	0.0020	Flusilazole	0.0020	Phosmet	0.0020
Chlorobenzilate	0.0020	Furalaxyl	0.0020	Piperonyl butoxide	0.0020
Chlorpyrifos	0.0020	Haloxypop-etotyl	0.0020	Pirimicarb	0.0020
Chlorpyrifos-methyl	0.0020	Haloxypop-methyl	0.0020	Pirimiphos-methyl	0.0020
Chlorthal-dimethyl	0.0020	α-HCH	0.0020	Prochloraz	0.0050
Chlozolinate	0.0020	β-HCH	0.0020	Procymidone	0.0020
Clomazone	0.0020	δ-HCH	0.0020	Propachlor	0.0020
Coumaphos	0.0020	Heptachlor	0.0020	Propargite	0.0020
Cyanazine	0.0020	Heptachlor endo-epoxide	0.0020	Propazine	0.0020
Cyfluthrin	0.0020	Heptachlor exo-epoxide	0.0020	Propetamphos	0.0020
Cyhalothrin	0.0020	Hexachlorobenzene	0.0020	Propham	0.0020
Cyproconazole	0.0020	Hexaconazole	0.0020	Propiconazole	0.0020
Cyprodinil	0.0020	Hexazinone	0.0020	Propoxur	0.0020
o,p'-DDD	0.0020	Indoxacarb	0.0020	Propyzamide	0.0020
p,p'-DDD	0.0020	Iprodione	0.0020	Prothiofos	0.0020
o,p'-DDE	0.0020	Isofenphos	0.0020	Pyrazophos	0.0020
p,p'-DDE	0.0020	Jodfenphos	0.0020	Pyrimethanil	0.0020
o,p'-DDT	0.0020	Kresoxim-methyl	0.0020	Pyriproxyfen	0.0020
p,p'-DDT	0.0020	Lindane (γ-HCH)	0.0020	Quintozene	0.0020
Deltamethrin	0.0020	Malathion	0.0020	Quizalofop-ethyl	0.0020
Diazinon	0.0020	Metalaxyl	0.0020	Simazine	0.0020
Dichlofenthion	0.0020	Methacrifos	0.0050	Tebuconazole	0.0020
Dichlorvos	0.0020	Methidathion	0.0020	Tebufenpyrad	0.0020
Dicloran	0.0020	Methiocarb	0.0020	Terbacil	0.0050
Dieldrin	0.0020	Metolachlor	0.0020	Terbufos	0.0020
Difenoconazole	0.0020	Metribuzin	0.0020	Terbutylazine	0.0020
Diffufenican	0.0020	Mevinphos	0.0020	Tetrachlorvinphos	0.0050
Dimethenamid	0.0020	Napropamide	0.0020	Tetradifon	0.0020
Dimethoate	0.0020	Nitrofen	0.0020	Tolclofos-methyl	0.0020
Diphenamid	0.0020	Nitrothal-isopropyl	0.0020	Triadimefon	0.0020
α-Endosulfan	0.0020	Norflurazon	0.0020	Tri-allate	0.0020
β-Endosulfan	0.0020	Oxadiazon	0.0020	Triazophos	0.0020
Endosulfan sulfate	0.0020	Oxadixyl	0.0020	Trifloxystrobin	0.0020
Endrin	0.0020	Oxyfluorfen	0.0020	Vinclozolin	0.0020
EPN	0.0020	Paclobutrazol	0.0020		

Summary of Method Used and Reporting Limits

Pesticide Residues in Dairy Powders by Gas Chromatography Triple Quadrupole Mass Spectrometry (GC-MS/MS)

Method Code: PS-MRGM07

The sample is extracted and purified using liquid-liquid partitions and dispersive solid phase extraction. Measurement is performed using gas chromatography triple quadrupole mass spectrometry.

The specific residues reported and their LORs are sample type (matrix) dependent. LOR = Limit of Reporting. NR = Not Reportable

Relates to Sample: 24-154643-2

Compound	LOR mg/kg	Compound	LOR mg/kg	Compound	LOR mg/kg
Acetochlor	0.0020	Epoxiconazole	0.0020	Parathion	0.0020
Alachlor	0.0020	EPTC	0.0020	Parathion-methyl	0.0020
Aldrin	0.0020	Ethion	0.0020	PCB 28	0.0020
Benalaxyl	0.0020	Etrifos	0.0020	PCB 52	0.0020
Bendiocarb	0.0020	Famphur	0.0020	PCB 101	0.0020
Benodanil	0.0020	Fenarimol	0.0020	PCB 105	0.0020
Bioresmethrin	0.0020	Fenchlorphos	0.0020	PCB 118	0.0020
Bromophos	0.0020	Fenitrothion	0.0020	PCB 138	0.0020
Bromophos-ethyl	0.0020	Fenoxycarb	0.0020	PCB 153	0.0020
Bromopropylate	0.0020	Fenpropathrin	0.0020	PCB 180	0.0020
Bupirimate	0.0020	Fensulfothion	0.0020	Penconazole	0.0020
Buprofezin	0.0020	Fenthion	0.0020	Pendimethalin	0.0020
Carbofuran	0.0020	Fenvalerate	0.0020	Permethrin	0.0020
cis-Chlordane	0.0020	Flamprop-methyl	0.0050	Phorate	0.0020
trans-Chlordane	0.0020	Fluazifop-P-butyl	0.0020	Phosalone	0.0020
Chlorfenvinphos	0.0020	Flusilazole	0.0020	Phosmet	0.0020
Chlorobenzilate	0.0020	Furalaxyl	0.0020	Piperonyl butoxide	0.0020
Chlorpyrifos	0.0020	Haloxypop-etotyl	0.0020	Pirimicarb	0.0020
Chlorpyrifos-methyl	0.0020	Haloxypop-methyl	0.0020	Pirimiphos-methyl	0.0020
Chlorthal-dimethyl	0.0020	α-HCH	0.0020	Prochloraz	0.0050
Chlozolinate	0.0020	β-HCH	0.0020	Procymidone	0.0020
Clomazone	0.0020	δ-HCH	0.0020	Propachlor	0.0020
Coumaphos	0.0020	Heptachlor	0.0020	Propargite	0.0020
Cyanazine	0.0020	Heptachlor endo-epoxide	0.0020	Propazine	0.0020
Cyfluthrin	0.0020	Heptachlor exo-epoxide	0.0020	Propetamphos	0.0020
Cyhalothrin	0.0020	Hexachlorobenzene	0.0020	Propham	0.0020
Cyproconazole	0.0020	Hexaconazole	0.0020	Propiconazole	0.0020
Cyprodinil	0.0020	Hexazinone	0.0020	Propoxur	0.0020
o,p'-DDD	0.0020	Indoxacarb	0.0020	Propyzamide	0.0020
p,p'-DDD	0.0020	Iprodione	0.0020	Prothiofos	0.0020
o,p'-DDE	0.0020	Isofenphos	0.0020	Pyrazophos	0.0020
p,p'-DDE	0.0020	Jodfenphos	0.0020	Pyrimethanil	0.0020
o,p'-DDT	0.0020	Kresoxim-methyl	0.0020	Pyriproxyfen	0.0020
p,p'-DDT	0.0020	Lindane (γ-HCH)	0.0020	Quintozene	0.0020
Deltamethrin	0.0020	Malathion	0.0020	Quizalofop-ethyl	0.0020
Diazinon	0.0020	Metalaxyl	0.0020	Simazine	0.0020
Dichlofenthion	0.0020	Methacrifos	0.0050	Tebuconazole	0.0020
Dichlorvos	0.0020	Methidathion	0.0020	Tebufenpyrad	0.0020
Dicloran	0.0020	Methiocarb	0.0020	Terbacil	0.0050
Dieldrin	0.0020	Metolachlor	0.0020	Terbufos	0.0020
Difenoconazole	0.0020	Metribuzin	0.0020	Terbutylazine	0.0020
Diflufenican	0.0020	Mevinphos	0.0020	Tetrachlorvinphos	0.0050
Dimethenamid	0.0020	Napropamide	0.0020	Tetradifon	0.0020
Dimethoate	0.0020	Nitrofen	0.0020	Tolclofos-methyl	0.0020
Diphenamid	0.0020	Nitrothal-isopropyl	0.0020	Triadimefon	0.0020
α-Endosulfan	0.0020	Norflurazon	0.0020	Tri-allate	0.0020
β-Endosulfan	0.0020	Oxadiazon	0.0020	Triazophos	0.0020
Endosulfan sulfate	0.0020	Oxadixyl	0.0020	Trifloxystrobin	0.0020
Endrin	0.0020	Oxyfluorfen	0.0020	Vinclozolin	0.0020
EPN	0.0020	Paclobutrazol	0.0020		