



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 23-000035/D002.R000
Report Date: 01/23/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/03/23 11:51

Customer: NW Natural Goods
Product identity: HEMP-EB 0059
Client/Metric ID: .
Laboratory ID: 23-000035-0001

Summary

Potency:

Analyte per 4g	Result	Limits	Units	Status	
CBC per 4g	0.190		mg/4g		CBD-Total per Serving Size 24.3 mg/4g
CBD per 4g	24.2		mg/4g		
CBDV per 4g	0.126		mg/4g		THC-Total per Serving Size <LOQ
CBE per 4g	0.244		mg/4g		
CBN per 4g	5.16		mg/4g		(Reported in milligrams per serving)
CBT per 4g	0.130		mg/4g		

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

Analyte	Result (mg/kg)	Limits (mg/kg)	Status
Multi-Residue Pesticide Profile	< LOQ for all analytes		

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Product identity: HEMP-EB 0059

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-000035-0001

Evidence of Cooling: No

Temp: 19.4

Relinquished by: HINTON

Serving Size #1: 4 g

Sample Results

Potency per 4g Method: J AOAC 2015 V98-6 (mod) ^b Units mg/se Batch: 2300116 Analyze: 1/5/23 12:08:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 4g	0.190		mg/4g	0.125	
CBC-A per 4g	< LOQ		mg/4g	0.125	
CBC-Total per 4g	< LOQ		mg/4g	0.235	
CBD per 4g	24.2		mg/4g	0.125	
CBD-A per 4g	< LOQ		mg/4g	0.125	
CBD-Total per 4g	24.3		mg/4g	0.235	
CBDV per 4g	0.126		mg/4g	0.125	
CBDV-A per 4g	< LOQ		mg/4g	0.125	
CBDV-Total per 4g	< LOQ		mg/4g	0.234	
CBE per 4g	0.244		mg/4g	0.125	
CBG per 4g	< LOQ		mg/4g	0.125	
CBG-A per 4g	< LOQ		mg/4g	0.125	
CBG-Total per 4g	< LOQ		mg/4g	0.234	
CBL per 4g	< LOQ		mg/4g	0.125	
CBL-A per 4g	< LOQ		mg/4g	0.125	
CBL-Total per 4g	< LOQ		mg/4g	0.235	
CBN per 4g	5.16		mg/4g	0.125	
CBT per 4g	0.130		mg/4g	0.125	
Δ8-THCV per 4g	< LOQ		mg/4g	0.125	
Δ10-THC-9R per 4g	< LOQ		mg/4g	0.125	
Δ8-THC per 4g	< LOQ		mg/4g	0.125	
Δ9-THC per 4g	< LOQ		mg/4g	0.125	
exo-THC per 4g	< LOQ		mg/4g	0.125	
THC-A per 4g	< LOQ		mg/4g	0.125	
THC-Total per 4g	< LOQ		mg/4g	0.235	
THCV per 4g	< LOQ		mg/4g	0.125	
THCV-A per 4g	< LOQ		mg/4g	0.125	
THCV-Total per 4g	< LOQ		mg/4g	0.235	
Total Cannabinoids per 4g	30.2		mg/4g		



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2300144	01/08/23 AOAC 991.14 (Petrifilm) [®]		
Total Coliforms	< LOQ		cfu/g	10	2300144	01/08/23 AOAC 991.14 (Petrifilm) [®]		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2300145	01/09/23 AOAC 2014.05 (RAPID) [®]		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2300145	01/09/23 AOAC 2014.05 (RAPID) [®]		

Solvents		Method: Residual Solvents by GC/MS [®]				Units µg/g	Batch 2300453	Analyze 01/16/23 10:28 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

Pesticides						Method: AOAC 2007.01 & EN 15662 (mod) [®]	Units mg/kg	Batch 2300687	Analyze 01/23/23 01:15 PM
Analyte	Result	Limits	Status	Notes					
Multi-Residue Pesticide Profile	< LOQ for all analytes								

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0181	2300308	01/10/23 AOAC 2013.06 (mod.) [®]	pass	
Cadmium	< LOQ	0.200	mg/kg	0.0181	2300308	01/10/23 AOAC 2013.06 (mod.) [®]	pass	
Lead	< LOQ	0.500	mg/kg	0.0181	2300308	01/10/23 AOAC 2013.06 (mod.) [®]	pass	
Mercury	< LOQ	0.100	mg/kg	0.00906	2300308	01/10/23 AOAC 2013.06 (mod.) [®]	pass	



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Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Moisture (Loss on Drying)	18.1		g/100g	0.10	2300529	01/17/23 AOAC 925.10 (mod.) ^p		
Water Activity	0.662		Aw	0.030	2300394	01/12/23 AOAC 978.18 ^b		



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

^D = ISO/IEC 17025:2017 accredited method.

Units of Measure

cfu/g = Colony forming units per gram

g = g

g/100g = Grams per 100 Grams

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/4g = Milligram per 4g

% = Percentage of sample

Aw = Water Activity

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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P2320 Multi-Residue Pesticide Profile
Cannabis

Analyte	LOQ (mg/kg)
2,4-D	0.1
Abamectin	0.1
Acephate	0.2
Acequinocyl	0.2
Acetamiprid	0.1
Acetochlor	0.2
Acrinathrin	0.1
Alachlor	0.1
Aldicarb	0.1
Aldoxycarb	0.1
Aldrin	0.1
Ametoctradin	0.1
Ametryn	0.1
Anilazine	0.1
Aspon	0.1
Asulam	0.1
Atrazine	0.1
Atrazine-desethyl	0.1
Azinphos-ethyl	0.1
Azinphos-methyl	0.1
Azoxystrobin	0.1
Benalaxyl	0.1
Bendiocarb	0.1
Benoxacor	0.1
Bensulide	0.1
Bentazon	0.1
Bifenazate	0.1
Bifenox	0.1
Bifenthrin	0.1
Binapacryl	0.1
Boscalid	0.1
Bromacil	0.1
Bromophos-ethyl	0.1
Bromopropylate	0.1
Bromoxynil	0.1
Bupirimate	0.1
Buprofezin	0.1
Butachlor	0.1
Butylate	0.1
Cadusafos	0.1
Captan	0.2
Carbaryl	0.1
Carbendazim	0.1
Carbofuran	0.1
Carbofuran 3-hydroxy	0.1
Carbophenothion	0.1
Carbophenothion-methyl	0.1
Carboxin	0.1

Analyte	LOQ (mg/kg)
Chlorantraniliprol	0.1
Chlordane, cis-	0.1
Chlordane, trans-	0.1
Chlorfenapyr	0.1
Chlorfenvinphos	0.1
Chlorobenzilate	0.1
Chlorpyrifos-ethyl	0.1
Chlorpyrifos-methyl	0.1
Chlorthal-dimethyl (Dacthal)	0.1
Clethodim	0.1
Clethodim sulfone	0.1
Clethodim sulfoxide	0.1
Clofentezine	0.1
Clomazone	0.1
Clopyralid	0.1
Clothianidin	0.1
Coumaphos	0.1
Crotoxypheos	0.1
Cyanofenphos	0.1
Cyanophos	0.1
Cyantraniliprole	0.1
Cyazofamid	0.1
Cyfluthrin	0.1
Cyhalothrin, lambda	0.1
Cymoxanil	0.1
Cypermethrin	0.1
Cyprodinil	0.1
DDD, o,p'-	0.1
DDD, p,p'-	0.1
DDE, o,p'-	0.1
DDE, p,p'-	0.1
DDT, o,p'-	0.1
DDT, p,p'-	0.1
DEET	0.1
Deltamethrin	0.1
Demeton-S	0.1
Demeton-S-methyl	0.1
Demeton-S-methyl-sulfone	0.1
Desmedipham	0.1
Diazinon	0.1
Dicamba	0.1
Dichlofenthion	0.1
Dichlofluanid	0.1
Dichlorbenzamid	0.1
Dichlorvos	0.1
Diclofop	0.1
Diclofop-methyl	0.1
Diclotophos	0.1

Analyte	LOQ (mg/kg)
Dieldrin	0.1
Diethofencarb	0.1
Difenoconazol	0.1
Diffubenzuron	0.1
Diffufenzopyr	0.1
Dimethenamid	0.1
Dimethoat	0.1
Dimethomorph	0.1
Dinoseb	0.1
Dinotefuran	0.1
Dioxathion	0.1
Diphenamid	0.1
Diphenylamine (DPA)	0.1
Disulfoton	0.1
Disulfoton-sulfone	0.1
Disulfoton-Sulfoxide	0.1
Diuron	0.1
DNOC	0.1
Edifenphos	0.1
Endosulfan (alpha isomer)	0.1
Endosulfan (beta isomer)	0.1
Endosulfan-sulfate	0.1
Endrin	0.1
EPN	0.1
EPTC	0.1
Esfenvalerate/Fenvalerate	0.1
Ethiofencarb	0.1
Ethion	0.1
Ethofumesate	0.1
Ethoprophos	0.1
Etofenprox	0.1
Etoxazole	0.1
Etrimfos	0.1
Famoxadone	0.1
Famphur	0.1
Fenamiphos	0.1
Fenamiphos-Sulfone	0.1
Fenamiphos-Sulfoxide	0.1
Fenazaquin	0.1
Fenbuconazole	0.1
Fenhexamid	0.1
Fenobucarb	0.1
Fenoxycarb	0.1
Fenpropathrin	0.1
Fensulfothion	0.1
Fenthion	0.1
Fenuron	0.1
Fipronil	0.1

LOQ= Limit of Quantitation
mg/kg= milligram per kilogram (ppm)



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P2320 Multi-Residue Pesticide Profile
Cannabis

Analyte	LOQ (mg/kg)
Flonicamid	0.1
Fluazifop	0.1
Fluazinam	0.1
Flucythrinate	0.1
Fludioxonil	0.1
Flufenacet	0.1
Flumioxazin	0.1
Flupicolide	0.1
Fluopyram	0.1
Fluoxastrobin	0.1
Flupyradifurone	0.1
Fluridone	0.1
Fluroxypyr	0.1
Fluthiacet-methyl	0.1
Flutolanil	0.1
Flutriafol	0.1
Fluvalinate	0.1
Fluxapyroxad	0.1
Fomesafen	0.1
Formetanate	0.1
Furathiocarb	0.1
Haloxypop	0.1
Heptachlor	0.1
Heptachlor epoxide	0.1
Hexaconazole	0.1
Hexazinone	0.1
Hexythiazox	0.1
Hydropene	0.1
Imazalil	0.1
Imazethapyr	0.1
Imidacloprid	0.1
Indaziflam	0.1
Indoxacarb	0.1
Iprobenfos	0.1
Iprodion	0.1
Isobenzan	0.1
Isafenphos	0.1
Isafenphos-methyl	0.1
Isafenphos-oxon	0.1
Isoprocab	0.1
Isoprothiolane	0.1
Isoproturon	0.1
Isoxaben	0.1
Kresoxim-methyl	0.1
Lindane	0.1
Linuron	0.1
Malaoxon	0.1
Malathion	0.1

Analyte	LOQ (mg/kg)
Mandipropamid	0.1
MCPA	0.1
MCPB	0.1
MCPB	0.1
MCPB	0.1
Mecabarm	0.1
Mepanipyrim	0.1
Mesotrione	0.1
Metalaxyl	0.1
Methamidophos	0.1
Methiocarb	0.1
Methiocarb sulfone	0.1
Methiocarb sulfoxide	0.1
Methomyl	0.1
Methoxyfenozide	0.1
Metolachlor	0.1
Metolcarb	0.1
Metrafenone	0.1
Mevinphos	0.1
MGK 264	0.1
Molinat	0.1
Monocrotophos	0.1
Monolinuron	0.1
Myclobutanil	0.1
Naled	0.1
Napropamide	0.1
Neburon	0.1
Norflurazon	0.1
Novaluron	0.1
Omethoat	0.1
Oryzalin	0.1
Oxadiazon	0.1
Oxadixyl	0.1
Oxamyl	0.1
Oxamyl-oxime	0.1
Oxydemeton-Methyl	0.1
Oxyfluorfen	0.1
Paclobutrazol	0.1
Paraaxon-ethyl	0.1
Paraaxon-methyl	0.1
Parathion-methyl	0.1
Penconazole	0.1
Pendimethalin	0.1
Penflufen	0.1
Penthiopyrad	0.1
Permethrin	0.1
Perthane	0.1
Phenmedipham	0.1

Analyte	LOQ (mg/kg)
Phenothrin	0.1
Phenthoate	0.1
Phorate	0.1
Phorate-Sulfone	0.1
Phorate-Sulfoxide	0.1
Phosalone	0.1
Phosmet	0.1
Phosphamidon	0.1
Phoxim	0.1
Pinoxaden	0.1
Piperonyl Butoxide	0.1
Pirimicarb	0.1
Pirimiphos-ethyl	0.1
Pirimiphos-methyl	0.1
Prallethrin	0.1
Prochloraz	0.1
Procymidone	0.1
Profenofos	0.1
Promecarb	0.1
Prometon	0.1
Prometryn	0.1
Propachlor	0.1
Propamocarb	0.1
Propanil	0.1
Propazine	0.1
Propetamophos	0.1
Propham	0.1
Propiconazole	0.1
Propoxur	0.1
Propyzamide	0.1
Prothiofos	0.1
Pyraclostrobin	0.1
Pyraflufen Ethyl	0.1
Pyrazophos	0.1
Pyrethrin	0.1
Pyridaben	0.1
Pyrimethanil	0.1
Pyriproxifen	0.1
Pyroxasulfone	0.1
Pyroxulam	0.1
Quinalphos	0.1
Quinclorac	0.1
Quinoxifen	0.1
Quintozene(PCNB)	0.2
Quizalofop	0.1
Resmethrin	0.1
Rotenone	0.1
Saflufenacil	0.1

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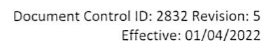
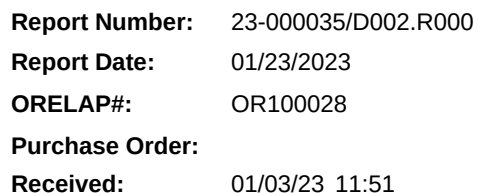
P2320 Multi-Residue Pesticide Profile
Cannabis

Analyte	LOQ (mg/kg)
Sebuthylazin	0.1
Sethoxydim	0.1
Simazine	0.1
Simetryn	0.1
Spinetoram J/L	0.1
Spinosyn A/D	0.1
Spirodiclofen	0.1
Spiromesifen	0.1
Spirotetramat	0.1
Spiroxamine	0.1
Sulfentrazone	0.1
Sulfotep	0.1
Sulfoxafior	0.1
Sulprofos	0.1
Tebuconazole	0.1
Tebufenozide	0.1
Terbufos	0.1
Terbutylazine	0.1
Terbutryn	0.1
Tetrachlorvinphos	0.1
Tetraconazole	0.1
Tetramethrin	0.1
Thiabendazol	0.1
Thiabendazol-5-hydroxy	0.1
Thiacloprid	0.1
Thiamethoxam	0.1
Thiobencarb	0.1
Thiodicarb	0.1
Thiometon	0.1
Thiophanate-methyl	0.2
Tolfenpyrad	0.1
Tolyfluanid	0.1
Triadimefon	0.1
Triadimenol	0.1
Triazophos	0.1
Trifloxystrobin	0.1
Triflumizole	0.1
Triticonazole	0.1
Zoxamid	0.1

LOQ= Limit of Quantitation
mg/kg= milligram per kilogram (ppm)

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Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2300116

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% R _{CD}	Limits	Evaluation	Notes	
CBDVA	2	0.0350	0.0337	%	104	80.0 - 120	Acceptable		
CBDV	2	0.0378	0.0367	%	103	80.0 - 120	Acceptable		
CBE	2	0.0365	0.0355	%	103	80.0 - 120	Acceptable		
CBDA	1	0.0340	0.0344	%	98.7	90.0 - 110	Acceptable		
CBGA	1	0.0342	0.0345	%	99.4	80.0 - 120	Acceptable		
CBG	1	0.0341	0.0346	%	98.8	80.0 - 120	Acceptable		
CBD	1	0.0345	0.0347	%	99.5	90.0 - 110	Acceptable		
THCV	2	0.0369	0.0351	%	105	80.0 - 120	Acceptable		
d8THCV	2	0.0363	0.0356	%	102	80.0 - 120	Acceptable		
THCVA	2	0.0340	0.0329	%	103	80.0 - 120	Acceptable		
CBN	1	0.0354	0.0357	%	99.2	80.0 - 120	Acceptable		
exo-THC	2	0.0351	0.0342	%	103	80.0 - 120	Acceptable		
d9THC	1	0.0376	0.0372	%	101	90.0 - 110	Acceptable		
d8THC	1	0.0347	0.0360	%	96.5	90.0 - 110	Acceptable		
CBL	2	0.0357	0.0333	%	107	80.0 - 120	Acceptable		
d10THC	1	NA	0.0333	%	NA	80.0 - 120	Acceptable	Q6	
CBG	2	0.0365	0.0364	%	100	80.0 - 120	Acceptable		
THCA	1	0.0347	0.0340	%	102	90.0 - 110	Acceptable		
CBGA	2	0.0355	0.0343	%	103	80.0 - 120	Acceptable		
CBLA	2	0.0359	0.0349	%	103	80.0 - 120	Acceptable		
CBT	2	0.0367	0.0363	%	101	80.0 - 120	Acceptable		

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBDV	<LOQ	0.003	%	< 0.003	Acceptable	
CBE	<LOQ	0.003	%	< 0.003	Acceptable	
CBDA	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
CBD	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
d8THCV	<LOQ	0.003	%	< 0.003	Acceptable	
THCVA	<LOQ	0.003	%	< 0.003	Acceptable	
CBN	<LOQ	0.003	%	< 0.003	Acceptable	
exo-THC	<LOQ	0.003	%	< 0.003	Acceptable	
d9THC	<LOQ	0.003	%	< 0.003	Acceptable	
d8THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
d10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<LOQ	0.003	%	< 0.003	Acceptable	
CBLA	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<LOQ	0.003	%	< 0.003	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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Report Number: 23-000035/D002.R000
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ORELAP#: OR100028
Purchase Order:
Received: 01/03/23 11:51

Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2300116								
Sample Duplicate Sample ID: 22-0157030002								
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	0.221	0.217	0.003	%	1.72	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.247	0.246	0.003	%	0.387	< 20	Acceptable	
d8THC	0.0629	0.0581	0.003	%	8.01	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:



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Received: 01/03/23 11:51

Revision: 3 Document ID: 3120
Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

AQAC2007.1 & EN 15662			Units: mg/Kg		Batch ID 2300273			
Method Blank			Laboratory Control Sample					
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spike	LCS% Re	Limits	Notes
Abamectin	0.000	< 0.250		1.003	1.000	100.3	50.0 150	
Acephate	0.000	< 0.200		0.767	0.800	95.8	60.0 120	
Acequinocyl	0.000	< 1.000		3.914	4.000	97.9	40.0 160	
Acetamiprid	0.000	< 0.100		0.388	0.400	97.1	60.0 120	
Aldicarb	0.000	< 0.200		0.834	0.800	104.3	60.0 120	
Azoxystrobin	0.000	< 0.100		0.381	0.400	95.3	60.0 120	
Bifenazate	0.000	< 0.100		0.429	0.400	107.4	60.0 120	
Bifenthrin	0.000	< 0.100		0.397	0.400	99.2	50.0 150	
Boscalid	0.000	< 0.200		0.780	0.800	97.5	60.0 120	
Carbaryl	0.000	< 0.100		0.394	0.400	98.5	60.0 120	
Carbofuran	0.000	< 0.100		0.391	0.400	97.7	60.0 120	
Chlorantraniliprole	0.000	< 0.100		0.397	0.400	99.2	60.0 120	
Chlorfenapyr	0.000	< 0.500		1.974	2.000	98.7	60.0 120	
Chlorpyrifos	0.000	< 0.100		0.370	0.400	92.6	60.0 120	
Clofentezine	0.000	< 0.100		0.289	0.400	72.1	60.0 120	
Cyfluthrin	0.000	< 0.500		1.965	2.000	98.2	50.0 150	
Cypermethrin	0.000	< 0.500		1.915	2.000	95.8	50.0 150	
Daminozide	0.000	< 0.500		0.674	2.000	33.7	60.0 120	Q6
Diazinon	0.000	< 0.100		0.410	0.400	102.5	60.0 120	
Dichlorvos	0.000	< 0.500		1.953	2.000	97.6	60.0 120	
Dimethoate	0.000	< 0.100		0.403	0.400	100.7	60.0 120	
Ethoprophos	0.000	< 0.100		0.392	0.400	98.0	60.0 120	
Etofenprox	0.000	< 0.200		0.760	0.800	95.0	50.0 150	
Etoxazole	0.000	< 0.100		0.400	0.400	100.1	60.0 120	
Fenoxycarb	0.000	< 0.100		0.389	0.400	97.1	60.0 120	
Fenpyroximate	0.000	< 0.200		0.767	0.800	95.9	60.0 120	
Fipronil	0.000	< 0.200		0.814	0.800	101.8	60.0 120	
Flonicamid	0.000	< 0.250		1.026	1.000	102.6	60.0 120	
Fludioxonil	0.000	< 0.200		0.807	0.800	100.9	50.0 150	
Hexythiazox	0.000	< 0.250		0.961	1.000	96.1	60.0 120	
Imazalil	0.000	< 0.100		0.402	0.400	100.6	60.0 120	
Imidacloprid	0.000	< 0.200		0.796	0.800	99.4	60.0 120	
Kresoxim-methyl	0.000	< 0.200		0.803	0.800	100.4	60.0 120	
Malathion	0.000	< 0.100		0.392	0.400	98.1	60.0 120	
Metaxyl	0.000	< 0.100		0.400	0.400	100.0	60.0 120	
Methiocarb	0.000	< 0.100		0.399	0.400	99.8	60.0 120	
Methomyl	0.000	< 0.200		0.819	0.800	102.4	60.0 120	
MGK-264	0.000	< 0.100		0.395	0.400	98.6	50.0 150	
Myclobutanil	0.000	< 0.100		0.398	0.400	99.6	60.0 120	
Naled	0.000	< 0.250		0.984	1.000	98.4	50.0 150	
Oxamyl	0.000	< 0.500		2.004	2.000	100.2	60.0 120	
Paclobutrazole	0.000	< 0.200		0.783	0.800	97.9	60.0 120	
Parathion-Methyl	0.000	< 0.100		0.409	0.400	102.2	50.0 150	
Permethrin	0.000	< 0.100		0.383	0.400	95.8	50.0 150	
Phosmet	0.000	< 0.100		0.401	0.400	100.3	50.0 150	
Piperonyl butoxide	0.000	< 0.500		2.064	2.000	103.2	60.0 120	
Prallethrin	0.000	< 0.100		0.402	0.400	100.4	60.0 120	
Propiconazole	0.000	< 0.200		0.815	0.800	101.9	60.0 120	
Propoxur	0.000	< 0.100		0.399	0.400	99.9	60.0 120	
Pyrethrin (Summe)	0.001	< 0.100		0.490	0.488	100.4	60.0 120	
Pyridaben	0.000	< 0.100		0.386	0.400	96.6	50.0 150	
Spinosad	0.000	< 0.100		0.381	0.388	98.2	50.0 150	
Spiromesifen	0.000	< 0.100		0.383	0.400	95.9	60.0 120	
Spirotetramat	0.000	< 0.100		0.385	0.400	96.2	60.0 120	
Spiroxamine	0.000	< 0.200		0.788	0.800	98.5	60.0 120	
Tebuconazole	0.000	< 0.200		0.800	0.800	100.0	60.0 120	
Thiacloprid	0.000	< 0.100		0.395	0.400	98.8	60.0 120	
Thiamethoxam	0.000	< 0.100		0.414	0.400	103.6	60.0 120	
Trifloxystrobin	0.000	< 0.100		0.393	0.400	98.2	60.0 120	

Q6



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Report Number: 23-000035/D002.R000
Report Date: 01/23/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/03/23 11:51

Revision: 3 Document ID: 3120
Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662					Units: mg/Kg		Batch ID 2300273				
Matrix Spike/Matrix Spike Duplicate Recoveries							Sample ID 230000250001				
Analyte	Result	MS Res	MSD Res	Spike	RPD%	Limit	MS% Re	MSD % Re	Limits	Notes	
Abamectin	0.000	0.938	0.979	1.000	4.2%	< 30	93.8%	97.9%	50 - 150		
Acephate	0.000	0.746	0.743	0.800	0.4%	< 30	93.3%	92.9%	50 - 150		
Acequinocyl	0.000	3.577	3.754	4.000	4.8%	< 30	89.4%	93.9%	50 - 150		
Acetamiprid	0.000	0.383	0.383	0.400	0.2%	< 30	95.9%	95.7%	50 - 150		
Aldicarb	0.000	0.809	0.823	0.800	1.7%	< 30	101.2%	102.8%	50 - 150		
Azoxystrobin	0.000	0.369	0.371	0.400	0.5%	< 30	92.2%	92.6%	50 - 150		
Bifenazate	0.000	0.386	0.397	0.400	2.8%	< 30	96.5%	99.3%	50 - 150		
Bifenthrin	0.000	0.362	0.373	0.400	3.1%	< 30	90.5%	93.3%	50 - 150		
Boscalid	0.000	0.758	0.766	0.800	1.1%	< 30	94.8%	95.8%	50 - 150		
Carbaryl	0.000	0.377	0.391	0.400	3.6%	< 30	94.3%	97.7%	50 - 150		
Carbofuran	0.000	0.368	0.380	0.400	3.1%	< 30	92.0%	94.9%	50 - 150		
Chlorantraniliprole	0.000	0.375	0.391	0.400	4.1%	< 30	93.8%	97.8%	50 - 150		
Chlorfenvapir	0.000	1.900	1.861	2.000	2.1%	< 30	95.0%	93.1%	50 - 150		
Chlorpyrifos	0.000	0.333	0.345	0.400	3.4%	< 30	83.4%	86.2%	50 - 150		
Clofentezine	0.000	0.054	0.052	0.400	3.8%	< 30	13.4%	12.9%	50 - 150	Q	
Cyfluthrin	0.000	1.975	2.108	2.000	6.5%	< 30	98.8%	105.4%	30 - 150		
Cypermethrin	0.000	1.931	2.012	2.000	4.1%	< 30	96.5%	100.6%	50 - 150		
Daminozide	0.000	0.650	0.672	2.000	3.3%	< 30	32.5%	33.6%	30 - 150		
Diazinon	0.000	0.324	0.341	0.400	5.1%	< 30	81.0%	85.2%	50 - 150		
Dichlorvos	0.000	1.890	1.963	2.000	3.8%	< 30	94.5%	98.1%	50 - 150		
Dimethoate	0.000	0.381	0.389	0.400	1.9%	< 30	95.3%	97.2%	50 - 150		
Ethoprophos	0.000	0.375	0.376	0.400	0.1%	< 30	93.8%	93.9%	50 - 150		
Etofenprox	0.000	0.709	0.728	0.800	2.6%	< 30	88.6%	91.0%	50 - 150		
Etoxazole	0.000	0.363	0.375	0.400	3.4%	< 30	90.6%	93.8%	50 - 150		
Fenoxycarb	0.000	0.368	0.373	0.400	1.3%	< 30	92.0%	93.2%	50 - 150		
Fenpyroximate	0.000	0.808	0.826	0.800	2.3%	< 30	101.0%	103.3%	50 - 150		
Fipronil	0.000	0.865	0.903	0.800	4.3%	< 30	108.1%	112.9%	50 - 150		
Flonicamid	0.000	1.014	1.030	1.000	1.6%	< 30	101.4%	103.0%	50 - 150		
Fludioxonil	0.000	0.765	0.758	0.800	0.9%	< 30	95.6%	94.8%	50 - 150		
Hexythiazox	0.000	0.831	0.824	1.000	0.9%	< 30	83.1%	82.4%	50 - 150		
Imazalil	0.000	0.379	0.390	0.400	2.9%	< 30	94.8%	97.6%	50 - 150		
Imidacloprid	0.000	0.739	0.764	0.800	3.4%	< 30	92.4%	95.5%	50 - 150		
Kresoxim-methyl	0.000	0.740	0.761	0.800	2.8%	< 30	92.5%	95.2%	50 - 150		
Malathion	0.000	0.370	0.383	0.400	3.4%	< 30	92.6%	95.8%	50 - 150		
Metaxalyl	0.000	0.380	0.382	0.400	0.4%	< 30	95.1%	95.5%	50 - 150		
Methiocarb	0.000	0.379	0.386	0.400	1.9%	< 30	94.7%	96.5%	50 - 150		
Methomyl	0.000	0.817	0.811	0.800	0.8%	< 30	102.1%	101.3%	50 - 150		
MGK-264	0.000	0.369	0.369	0.400	0.1%	< 30	92.2%	92.3%	50 - 150		
Myclobutanil	0.000	0.366	0.388	0.400	5.8%	< 30	91.5%	97.0%	50 - 150		
Naled	0.000	0.930	0.963	1.000	3.5%	< 30	93.0%	96.3%	50 - 150		
Oxamyl	0.000	1.968	2.071	2.000	5.1%	< 30	98.4%	103.5%	50 - 150		
Paclobutrazole	0.000	0.755	0.776	0.800	2.7%	< 30	94.4%	97.0%	50 - 150		
Parathion-Methyl	0.000	0.384	0.407	0.400	6.0%	< 30	95.9%	101.8%	30 - 150		
Permethrin	0.000	0.363	0.385	0.400	5.9%	< 30	90.6%	96.2%	50 - 150		
Phosmet	0.000	0.378	0.375	0.400	0.6%	< 30	94.4%	93.8%	50 - 150		
Piperonyl butoxide	0.000	1.815	1.959	2.000	7.6%	< 30	90.8%	98.0%	50 - 150		
Prallethrin	0.000	0.369	0.382	0.400	3.6%	< 30	92.2%	95.6%	50 - 150		
Propiconazole	0.000	0.751	0.766	0.800	1.9%	< 30	93.9%	95.8%	50 - 150		
Propoxur	0.000	0.379	0.389	0.400	2.6%	< 30	94.7%	97.2%	50 - 150		
Pyrethrin (Summe)	0.000	0.631	0.643	0.488	1.9%	< 30	129.3%	131.7%	50 - 150		
Pyridaben	0.000	0.369	0.372	0.400	1.0%	< 30	92.2%	93.1%	50 - 150		
Spinosad	0.000	0.365	0.379	0.388	3.7%	< 30	94.1%	97.6%	50 - 150		
Spiromesifen	0.000	0.360	0.372	0.400	3.3%	< 30	89.9%	93.0%	50 - 150		
Spirotetramat	0.000	0.367	0.371	0.400	1.0%	< 30	91.8%	92.8%	50 - 150		
Spiroxamine	0.000	0.749	0.773	0.800	3.2%	< 30	93.6%	96.7%	50 - 150		
Tebuconazole	0.000	0.762	0.767	0.800	0.8%	< 30	95.2%	95.9%	50 - 150		
Thiacloprid	0.000	0.380	0.390	0.400	2.4%	< 30	95.1%	97.4%	50 - 150		
Thiamethoxam	0.000	0.410	0.410	0.400	0.1%	< 30	102.5%	102.5%	50 - 150		
Trifloxystrobin	0.000	0.336	0.351	0.400	4.3%	< 30	84.1%	87.8%	50 - 150		

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Report Number: 23-000035/D002.R000
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ORELAP#: OR100028
Purchase Order:
Received: 01/03/23 11:51

Revision: 2 Document ID: 7087
Legacy ID: CFL-E33Effective:

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2300453					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		584	572	µg/g	102.1	60 - 120	
Isobutane	ND	< 200		708	731	µg/g	96.9	60 - 120	
Butane	ND	< 200		687	731	µg/g	94.0	60 - 120	
2,2-Dimethylpropane	ND	< 200		933	936	µg/g	99.7	60 - 120	
Methanol	ND	< 200		1650	1620	µg/g	101.9	60 - 120	
Ethylene Oxide	ND	< 30		56.3	56.2	µg/g	100.2	60 - 120	
2-Methylbutane	ND	< 200		1370	1610	µg/g	85.1	60 - 120	
Pentane	ND	< 200		1350	1600	µg/g	84.4	60 - 120	
Ethanol	ND	< 200		1410	1610	µg/g	87.6	70 - 130	
Ethyl Ether	ND	< 200		1460	1630	µg/g	89.6	60 - 120	
2,2-Dimethylbutane	ND	< 30		146	171	µg/g	85.4	60 - 120	
Acetone	ND	< 200		1520	1630	µg/g	93.3	60 - 120	
2-Propanol	ND	< 200		1630	1620	µg/g	100.6	60 - 120	
Ethyl Formate	ND	< 500		1650	1670	µg/g	98.8	70 - 130	
Acetonitrile	ND	< 100		456	498	µg/g	91.6	60 - 120	
Methyl Acetate	ND	< 500		1600	1730	µg/g	92.5	70 - 130	
2,3-Dimethylbutane	ND	< 30		155	171	µg/g	90.6	60 - 120	
Dichloromethane	ND	< 60		449	483	µg/g	93.0	60 - 120	
2-Methylpentane	ND	< 30		144	168	µg/g	85.7	60 - 120	
MTBE	ND	< 500		1550	1650	µg/g	93.9	70 - 130	
3-Methylpentane	ND	< 30		137	167	µg/g	82.0	60 - 120	
Hexane	ND	< 30		202	182	µg/g	111.0	60 - 120	
1-Propanol	ND	< 500		1690	1620	µg/g	104.3	70 - 130	
Methyl ethyl ketone	ND	< 500		1600	1620	µg/g	98.8	70 - 130	
Ethyl acetate	ND	< 200		1610	1610	µg/g	100.0	60 - 120	
2-Butanol	ND	< 200		1600	1600	µg/g	100.0	60 - 120	
Tetrahydrofuran	ND	< 100		384	483	µg/g	79.5	60 - 120	
Cyclohexane	ND	< 200		1370	1610	µg/g	85.1	60 - 120	
2-methyl-1-propanol	ND	< 500		1780	1620	µg/g	109.9	70 - 130	
Benzene	ND	< 1		5.06	5.02	µg/g	100.8	60 - 120	
Isopropyl Acetate	ND	< 200		1510	1620	µg/g	93.2	60 - 120	
Heptane	ND	< 200		1520	1610	µg/g	94.4	60 - 120	
1-Butanol	ND	< 500		1620	1630	µg/g	99.4	70 - 130	
Propyl Acetate	ND	< 500		1660	1610	µg/g	103.1	70 - 130	
1,4-Dioxane	ND	< 100		368	491	µg/g	74.9	60 - 120	
2-Ethoxyethanol	ND	< 30		345	181	µg/g	190.6	60 - 120	Q1
Methyl isobutyl ketone	ND	< 500		1730	1620	µg/g	106.8	70 - 130	
3-Methyl-1-butanol	ND	< 500		1420	1630	µg/g	87.1	70 - 130	
Ethylene Glycol	ND	< 200		374	484	µg/g	77.3	60 - 120	
Toluene	ND	< 100		405	485	µg/g	83.5	60 - 120	
Isobutyl Acetate	ND	< 500		1610	1630	µg/g	98.8	70 - 130	
1-Pentanol	ND	< 500		1460	1620	µg/g	90.1	70 - 130	
Butyl Acetate	ND	< 500		1620	1620	µg/g	100.0	70 - 130	
Ethylbenzene	ND	< 200		818	969	µg/g	84.4	60 - 120	
m,p-Xylene	ND	< 200		724	994	µg/g	72.8	60 - 120	
o-Xylene	ND	< 200		687	967	µg/g	71.0	60 - 120	
Cumene	ND	< 30		97.2	171	µg/g	56.8	60 - 120	Q6
Anisole	ND	< 500		1520	1630	µg/g	93.3	70 - 130	
DMSO	ND	< 500		1610	1680	µg/g	95.8	70 - 130	
1,2-dimethoxyethane	ND	< 50		176	169	µg/g	104.1	70 - 130	
Triethylamine	ND	< 500		1560	1630	µg/g	95.7	70 - 130	
N,N-dimethylformamide	ND	< 150		453	482	µg/g	94.0	70 - 130	
N,N-dimethylacetamide	ND	< 150		415	510	µg/g	81.4	70 - 130	
Pyridine	ND	< 50		209	203	µg/g	103.0	70 - 130	
Sulfolane	ND	< 50		172	172	µg/g	100.0	70 - 130	
1,2-Dichloroethane	ND	< 1		1.16	1	µg/g	116.0	70 - 130	
Chloroform	ND	< 1		1.17	1	µg/g	117.0	70 - 130	
Trichloroethylene	ND	< 1		1.18	1	µg/g	118.0	70 - 130	
1,1-Dichloroethane	ND	< 1		1.1	1	µg/g	110.0	70 - 130	



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Received: 01/03/23 11:51

Revision: 2 Document ID: 7087
Legacy ID: CFL-E33Effective:

QC- Sample Duplicate

Sample ID: 22-015692-0001

Analyte	Result	Org. Result	LOQ Units	RPD	Limits	Accept/ Fail	Notes
Propane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30 µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Ethyl Formate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100 µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60 µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
MTBE	ND	ND	500 µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Methyl ethyl ketone	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100 µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1 µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
1-Butanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100 µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500 µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100 µg/g	0.0	< 20	Acceptable	
Isobutyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200 µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200 µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Anisole	ND	ND	500 µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500 µg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50 µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500 µg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150 µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150 µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50 µg/g	0.0	< 20	Acceptable	
Sulfolane	ND	ND	50 µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethane	ND	ND	1 µg/g	0.0	< 20	Acceptable	
Chloroform	ND	ND	1 µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1 µg/g	0.0	< 20	Acceptable	
1,1-Dichloroethane	ND	ND	1 µg/g	0.0	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL

RPD - Relative Percent Difference

LOQ - Limit of Quantitation

Q1 - Quality control result biased high. Only non-detect samples reported.

Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.

Units of Measure:

µg/g- Microgram per gram or ppm



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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.