Green Leaf Lab
12025 NE Marx St. Portland, OR 97220
503-253-3511 / www.greenleaflabs.com
License#: 10029074C70

Quality Control Testing Official Report

Arete Delta 8 / CBC Hemp Extract V3

Sample ID: G0H0291-01 **Matrix:** Hemp Extracts &
Test ID: 5005443
Source ID:
Date Sampled: 08/14/20 **Date Accepted:** 08/14/20

Arete Hemp LLC

Results at a Glance

Total THC : <LOQ (0.6307%) %

Total CBD : <LOQ (0.1725%) %

delta 8-THC : 49.74 % PASS

Pesticides : PASS

Residual Solvent Analysis : PASS

METALS : PASS

ISO 17025 ACCREDITED LABORATORY

Eric Wendt
Chief Science Officer - 8/20/2020

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Test ID: 5005443
Source ID:
Date Sampled: 08/14/20 **Date Accepted:** 08/14/20

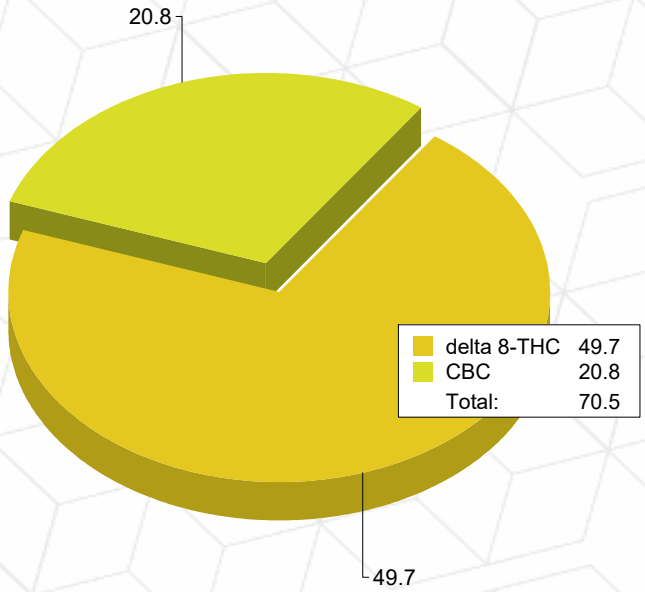
Arete Hemp LLC

Potency Analysis

Date/Time Extracted: 08/15/20 11:28 **Analysis Method/SOP: 215** **Batch Identification: 2033063**

Cannabinoids	LOQ (%)	% by Wt.	mg/g
Total THC	0.6307	< LOQ	< LOQ
Total CBD	0.1725	< LOQ	< LOQ
THCA	0.2428	< LOQ	< LOQ
delta 9-THC	0.6307	< LOQ	< LOQ
delta 8-THC	0.3736	49.74	497.4
Exo-THC	0.0868	< LOQ	< LOQ
THCV	0.4207	< LOQ	< LOQ
THCVA	0.1567	< LOQ	< LOQ
CBD	0.1295	< LOQ	< LOQ
CBDA	0.1725	< LOQ	< LOQ
CBDV	0.4160	< LOQ	< LOQ
CBDVA	0.1364	< LOQ	< LOQ
CBN	0.2489	< LOQ	< LOQ
CBG	0.0655	< LOQ	< LOQ
CBGA	0.0655	< LOQ	< LOQ
CBC	0.0746	20.77	207.7
Total Cannabinoids		70.50	705

Cannabinoids Profile



Total THC = delta 9-THC + (THCA * 0.877)
Total CBD = CBD + (CBDA * 0.877)
Total CBG = CBG + (CBGA * 0.878)
LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.

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Chief Science Officer - 8/20/2020

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Quality Control Testing Official Report

Gelato

Sample ID: G0H0425-05 **Matrix:** Hemp Extracts &
Test ID: 5005475
Source ID:
Date Sampled: 08/20/20 **Date Accepted:** 08/20/20

Arete Hemp LLC

Terpene Analysis

Date/Time Extracted: 08/22/20 08:53 **Analysis Method/SOP: 204**

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	< LOQ	< LOQ	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	0.08132	0.8132
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	2.160	21.6
Linalool	0.1615	1.615	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.5133	5.133	alpha-Pinene	0.1031	1.031
beta-Pinene	0.1408	1.408	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	0.1017	1.017	alpha-Terpinene	< LOQ	< LOQ
Terpineol	< LOQ	< LOQ	Terpinolene	0.06225	0.6225
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	< LOQ	< LOQ	Borneol	< LOQ	< LOQ
Ocimene isomer II	< LOQ	< LOQ	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	**%**	**mg/g**	**Sesquiterpenes**	**%**	**mg/g**
alpha-Bisabolol	< LOQ	< LOQ	beta-Caryophyllene	0.3518	3.518
Caryophyllene Oxide	< LOQ	< LOQ	Guaiol	< LOQ	< LOQ
alpha-Humulene	0.08055	0.8055	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	< LOQ	< LOQ
Total Terpenes	**3.757**	**37.57**			

<LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.

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Russell Kuhfeld
Quality Officer - 9/2/2020

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Sample ID: G0H0291-01 **Matrix:** Hemp Extracts &
Test ID: 5005443
Source ID:
Date Sampled: 08/14/20 **Date Accepted:** 08/14/20

Arete Hemp LLC

Pesticide Analysis in ppm

Date/Time Extracted: 08/15/20 09:37
Analysis Method/SOP: 202

Analyte	Result	Action Level	LOD	LOQ	Units	Analyte	Result	Action Level	LOD	LOQ	Units
Abamectin	< LOQ	0.5		0.4	ppm	Acephate	< LOQ	0.4		0.06	ppm
Acequinocyl	< LOQ	2		0.4	ppm	Acetamiprid	< LOQ	0.2		0.06	ppm
Aldicarb	< LOQ	0.4		0.06	ppm	Azoxystrobin	< LOQ	0.2		0.06	ppm
Bifenazate	< LOQ	0.2		0.06	ppm	Bifenthrin	< LOQ	0.2		0.06	ppm
Boscalid	< LOQ	0.4		0.06	ppm	Carbaryl	< LOQ	0.2		0.06	ppm
Carbofuran	< LOQ	0.2		0.06	ppm	Chlorantraniliprole	< LOQ	0.2		0.06	ppm
Chlorfenapyr	< LOQ	1		0.4	ppm	Chlorpyrifos	< LOQ	0.2		0.06	ppm
Clofentezine	< LOQ	0.2		0.06	ppm	Cyfluthrin	< LOQ	1		0.06	ppm
Cypermethrin	< LOQ	1		0.4	ppm	Daminozide	< LOQ	1		0.06	ppm
DDVP (Dichlorvos)	< LOQ	1		0.06	ppm	Diazinon	< LOQ	0.2		0.06	ppm
Dimethoate	< LOQ	0.2		0.06	ppm	Ethoprophos	< LOQ	0.2		0.06	ppm
Etofenprox	< LOQ	0.4		0.06	ppm	Etoxazole	< LOQ	0.2		0.06	ppm
Fenoxycarb	< LOQ	0.2		0.06	ppm	Fenpyroximate	< LOQ	0.4		0.06	ppm
Fipronil	< LOQ	0.4		0.1	ppm	Flonicamid	< LOQ	1		0.06	ppm
Fludioxonil	< LOQ	0.4		0.06	ppm	Fludioxonil	< LOQ	0.4		0.06	ppm
Hexythiazox	< LOQ	1		0.1	ppm	Imazalil	< LOQ	0.2		0.06	ppm
Imidacloprid	< LOQ	0.4		0.06	ppm	Kresoxim-methyl	< LOQ	0.4		0.1	ppm
Malathion	< LOQ	0.2		0.06	ppm	Metalaxyl	< LOQ	0.2		0.06	ppm
Methiocarb	< LOQ	0.2		0.06	ppm	Methomyl	< LOQ	0.4		0.06	ppm
Methyl parathion	< LOQ	0.2		0.06	ppm	MGK-264	< LOQ	0.2		0.06	ppm
Myclobutanil	< LOQ	0.2		0.06	ppm	Naled	< LOQ	0.5		0.06	ppm
Oxamyl	< LOQ	1		0.06	ppm	Paclobutrazol	< LOQ	0.4		0.06	ppm
Permethrins	< LOQ	0.2		0.06	ppm	Phosmet	< LOQ	0.2		0.06	ppm
Piperonyl butoxide	< LOQ	2		0.9	ppm	Prallethrin	< LOQ	0.2		0.06	ppm
Propiconazole	< LOQ	0.4		0.06	ppm	Propoxur	< LOQ	0.2		0.06	ppm
Pyrethrins	< LOQ	1		0.06	ppm	Pyridaben	< LOQ	0.2		0.06	ppm
Spinosad	< LOQ	0.2		0.06	ppm	Spiromesifen	< LOQ	0.2		0.06	ppm
Spirotetramat	< LOQ	0.2		0.06	ppm	Spiroxamine	< LOQ	0.4		0.06	ppm
Tebuconazole	< LOQ	0.4		0.06	ppm	Thiacloprid	< LOQ	0.2		0.06	ppm
Thiamethoxam	< LOQ	0.2		0.06	ppm	Trifloxystrobin	< LOQ	0.2		0.06	ppm

ND - Compound not detected
Results above the Action Level fail state testing requirements and will be highlighted Red.

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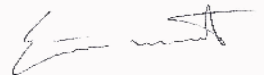

Eric Wendt
Chief Science Officer - 8/20/2020

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Arete Delta 8 / CBC Hemp Extract V3

Sample ID: G0H0291-01 **Matrix:** Hemp Extracts &
Test ID: 5005443
Source ID:
Date Sampled: 08/14/20 **Date Accepted:** 08/14/20

Arete Hemp LLC

Residual Solvents

Date/Time Extracted: 08/15/20 12:25 **Analysis Method/SOP: 205**

Analyte	Result	Action Level	LOD	LOQ	Units
1,4-Dioxane	< LOQ	380		50.00	ppm
2-Butanol	< LOQ	5000		1000	ppm
2-Ethoxyethanol	< LOQ	160		80.00	ppm
2-Propanol (IPA)	< LOQ	5000		1000	ppm
Acetone	< LOQ	5000		1000	ppm
Acetonitrile	< LOQ	410		50.00	ppm
Benzene	< LOQ	2		1.000	ppm
Butanes	< LOQ	5000		1000	ppm
Cumene	< LOQ	70		35.00	ppm
Cyclohexane	< LOQ	3880		50.00	ppm
Dichloromethane	< LOQ	600		50.00	ppm
Ethyl acetate	< LOQ	5000		1000	ppm
Ethyl benzene	< LOQ	2170		35.00	ppm
Ethyl ether	< LOQ	5000		1000	ppm
Ethylene glycol	< LOQ	620		310.0	ppm
Ethylene oxide	< LOQ	50		25.00	ppm
Heptane	< LOQ	5000		1000	ppm
Hexanes	< LOQ	290		50.00	ppm
Isopropyl acetate	< LOQ	5000		1000	ppm
Methanol	< LOQ	3000		1000	ppm
Pentanes	< LOQ	5000		1000	ppm
Propane	< LOQ	5000		1000	ppm
Tetrahydrofuran	< LOQ	720		50.00	ppm
Toluene	< LOQ	890		50.00	ppm
Xylenes	< LOQ	2170		50.00	ppm

<LOQ - Results below the Limit of Quantitation
Results above the Action Level fail state testing requirements and will be highlighted Red.

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Sample ID: G0H0291-01 **Matrix:** Hemp Extracts &
Test ID: 5005443
Source ID:
Date Sampled: 08/14/20 **Date Accepted:** 08/14/20

Arete Hemp LLC

Metals Analysis by ICPMS

Date/Time Extracted: 08/18/20 12:25 **Analysis Method/SOP: HM-001**

Analyte	Result	LOD	LOQ	Units
Arsenic	< LOQ	0.0110	0.0500	ppm
Cadmium	< LOQ	0.00100	0.0500	ppm
Lead	< LOQ	0.00150	0.0500	ppm
Mercury	< LOQ	0.00350	0.0100	ppm

Metal analyses are not accrediated to ORELAP TNI 2009 Quality Standards.
<LOQ - Results below the Limit of Quantitation - Compound not detected

Analysis Subcontracted to Green Leaf Labs - SCCA.

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Quality Control Testing
Official Report

Quality Control

Potency

Batch: 2033063 - 215-Concentrates

Blank(2033063-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0607	%		08/15/20 11:28	08/15/20 21:51
delta 9-THC	< LOQ	0.1577	%		08/15/20 11:28	08/15/20 21:51
delta 8-THC	< LOQ	0.0934	%		08/15/20 11:28	08/15/20 21:51
Exo-THC	< LOQ	0.0217	%		08/15/20 11:28	08/15/20 21:51
THCV	< LOQ	0.1052	%		08/15/20 11:28	08/15/20 21:51
THCVA	< LOQ	0.0392	%		08/15/20 11:28	08/15/20 21:51
CBD	< LOQ	0.0324	%		08/15/20 11:28	08/15/20 21:51
CBDA	< LOQ	0.0431	%		08/15/20 11:28	08/15/20 21:51
CBDV	< LOQ	0.1040	%		08/15/20 11:28	08/15/20 21:51
CBDVA	< LOQ	0.0341	%		08/15/20 11:28	08/15/20 21:51
CBN	< LOQ	0.0622	%		08/15/20 11:28	08/15/20 21:51
CBG	< LOQ	0.0164	%		08/15/20 11:28	08/15/20 21:51
CBGA	< LOQ	0.0164	%		08/15/20 11:28	08/15/20 21:51
CBC	< LOQ	0.0186	%		08/15/20 11:28	08/15/20 21:51

Reference(2033063-SRM1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	93.3	0.0286	%	80-120	08/15/20 11:28	08/15/20 22:13
delta 9-THC	89.7	0.0743	%	80-120	08/15/20 11:28	08/15/20 22:13
CBD	90.2	0.0153	%	80-120	08/15/20 11:28	08/15/20 22:13
CBDA	89.9	0.0203	%	80-120	08/15/20 11:28	08/15/20 22:13

Pesticide Analysis

Batch: 2033060 - 202

Blank(2033060-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.4	ppm		08/15/20 09:37	08/15/20 19:06
DDVP (Dichlorvos)	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 18:41
Acephate	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Acequinocyl	< LOQ	0.4	ppm		08/15/20 09:37	08/15/20 19:06
Acetamiprid	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Aldicarb	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Azoxystrobin	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Bifenazate	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Bifenthrin	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Boscalid	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 18:41
Carbaryl	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Carbofuran	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Chlorantraniliprole	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06

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Chief Science Officer - 8/20/2020

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Quality Control Testing
Official Report

Quality Control

Pesticide Analysis (Continued)

Batch: 2033060 - 202 (Continued)

Blank(2033060-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Chlorfenapyr	< LOQ	0.4	ppm		08/15/20 09:37	08/15/20 18:41
Chlorpyrifos	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Clofentezine	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Daminozide	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Cyfluthrin	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 18:41
Diazinon	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Cypermethrin	< LOQ	0.4	ppm		08/15/20 09:37	08/15/20 18:41
Dimethoate	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Ethoprophos	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Etofenprox	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Etoxazole	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Fenoxycarb	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Fenpyroximate	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Flonicamid	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Fludioxonil	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Hexythiazox	< LOQ	0.1	ppm		08/15/20 09:37	08/15/20 19:06
Imazalil	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Fipronil	< LOQ	0.1	ppm		08/15/20 09:37	08/15/20 18:41
Imidacloprid	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Fludioxonil	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 18:41
Metalaxyl	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Methiocarb	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Methomyl	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Myclobutanil	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Kresoxim-methyl	< LOQ	0.1	ppm		08/15/20 09:37	08/15/20 18:41
Naled	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Malathion	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 18:41
Oxamyl	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Paclobutrazol	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Methyl parathion	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 18:41
MGK-264	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 18:41
Phosmet	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Piperonyl butoxide	< LOQ	0.9	ppm		08/15/20 09:37	08/15/20 19:06
Prallethrin	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Propoxur	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Permethrins	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 18:41
Pyrethrins	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Pyridaben	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06

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Chief Science Officer - 8/20/2020

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Official Report

Quality Control

Pesticide Analysis (Continued)

Batch: 2033060 - 202 (Continued)

Blank(2033060-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Propiconazole	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 18:41
Spinosad	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Spiromesifen	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Spirotetramat	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Spiroxamine	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Tebuconazole	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Thiacloprid	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Thiamethoxam	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06
Trifloxystrobin	< LOQ	0.06	ppm		08/15/20 09:37	08/15/20 19:06

LCS(2033060-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	82.6	0.4	ppm	70-130	08/15/20 09:37	08/15/20 19:29
DDVP (Dichlorvos)	94.5	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Acephate	98.5	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Acequinocyl	47.0	0.4	ppm	5.57-33.8	08/15/20 09:37	08/15/20 19:29
Acetamiprid	113	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Aldicarb	108	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Azoxystrobin	115	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Bifenazate	123	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Bifenthrin	104	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Boscalid	99.7	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Carbaryl	114	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Carbofuran	114	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Chlorantraniliprole	94.8	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Chlorfenapyr	101	0.4	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Chlorpyrifos	120	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Clofentezine	23.4	0.06	ppm	14.4-62.3	08/15/20 09:37	08/15/20 19:29
Daminozide	192	0.06	ppm	0-100	08/15/20 09:37	08/15/20 19:29
Cyfluthrin	107	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Diazinon	108	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Cypermethrin	121	0.4	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Dimethoate	115	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Ethoprophos	112	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Etofenprox	99.8	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Etoxazole	111	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Fenoxycarb	113	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Fenpyroximate	79.8	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Flonicamid	112	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29

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Quality Control

Pesticide Analysis (Continued)

Batch: 2033060 - 202 (Continued)

LCS(2033060-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Fludioxonil	112	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Hexythiazox	102	0.1	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Imazalil	91.4	0.06	ppm	57.9-96.4	08/15/20 09:37	08/15/20 19:29
Fipronil	121	0.1	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Imidacloprid	120	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Fludioxonil	106	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Metalaxyl	112	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Methiocarb	106	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Methomyl	114	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Myclobutanil	108	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Kresoxim-methyl	108	0.1	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Naled	114	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Malathion	108	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Oxamyl	111	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Paclobutrazol	107	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Methyl parathion	106	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:03
MGK-264	108	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Phosmet	117	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Piperonyl butoxide	97.4	0.9	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Prallethrin	117	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Propoxur	116	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Permethrins	87.8	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Pyrethrins	67.9	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Pyridaben	102	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Propiconazole	107	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:03
Spinosad	82.5	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Spiromesifen	120	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Spirotetramat	118	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Spiroxamine	104	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Tebuconazole	101	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Thiacloprid	106	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Thiamethoxam	110	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29
Trifloxystrobin	114	0.06	ppm	70-130	08/15/20 09:37	08/15/20 19:29

Solvent Analysis

Batch: 2033065 - 205

Blank(2033065-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed

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Quality Control

Solvent Analysis (Continued)

Batch: 2033065 - 205 (Continued)

Blank(2033065-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		08/15/20 12:25	08/15/20 21:03
Acetonitrile	< LOQ	50.00	ppm		08/15/20 12:25	08/15/20 21:03
Benzene	< LOQ	1.000	ppm		08/15/20 12:25	08/15/20 21:03
Butanes	< LOQ	1000	ppm		08/15/20 12:25	08/15/20 21:03
2-Butanol	< LOQ	1000	ppm		08/15/20 12:25	08/15/20 21:03
Cumene	< LOQ	35.00	ppm		08/15/20 12:25	08/15/20 21:03
Cyclohexane	< LOQ	50.00	ppm		08/15/20 12:25	08/15/20 21:03
Dichloromethane	< LOQ	50.00	ppm		08/15/20 12:25	08/15/20 21:03
1,4-Dioxane	< LOQ	50.00	ppm		08/15/20 12:25	08/15/20 21:03
2-Ethoxyethanol	< LOQ	80.00	ppm		08/15/20 12:25	08/15/20 21:03
Ethyl acetate	< LOQ	1000	ppm		08/15/20 12:25	08/15/20 21:03
Ethyl benzene	< LOQ	35.00	ppm		08/15/20 12:25	08/15/20 21:03
Ethylene glycol	< LOQ	310.0	ppm		08/15/20 12:25	08/15/20 21:03
Ethylene oxide	< LOQ	25.00	ppm		08/15/20 12:25	08/15/20 21:03
Ethyl ether	< LOQ	1000	ppm		08/15/20 12:25	08/15/20 21:03
Heptane	< LOQ	1000	ppm		08/15/20 12:25	08/15/20 21:03
Hexanes	< LOQ	50.00	ppm		08/15/20 12:25	08/15/20 21:03
Isopropyl acetate	< LOQ	1000	ppm		08/15/20 12:25	08/15/20 21:03
Methanol	< LOQ	1000	ppm		08/15/20 12:25	08/15/20 21:03
Pentanes	< LOQ	1000	ppm		08/15/20 12:25	08/15/20 21:03
Propane	< LOQ	1000	ppm		08/15/20 12:25	08/15/20 21:03
2-Propanol (IPA)	< LOQ	1000	ppm		08/15/20 12:25	08/15/20 21:03
Tetrahydrofuran	< LOQ	50.00	ppm		08/15/20 12:25	08/15/20 21:03
Toluene	< LOQ	50.00	ppm		08/15/20 12:25	08/15/20 21:03
Xylenes	< LOQ	50.00	ppm		08/15/20 12:25	08/15/20 21:03

LCS(2033065-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	57.4	1000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Acetonitrile	81.7	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Benzene	66.5	1.000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
n-Butane	72.3	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Butanes	71.3	1000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
2-Butanol	78.5	1000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Cumene	67.0	35.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Cyclohexane	69.7	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Dichloromethane	76.8	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
1,4-Dioxane	73.1	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
2-Ethoxyethanol	77.5	80.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39

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Quality Control

Solvent Analysis (Continued)

Batch: 2033065 - 205 (Continued)

LCS(2033065-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl acetate	76.0	1000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Ethyl benzene	67.6	35.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Ethylene glycol	86.4	310.0	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Ethylene oxide	73.0	25.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Ethyl ether	71.8	1000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Heptane	73.4	1000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
n-Hexane	72.6	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Hexanes	57.1	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
iso-Butane	70.4	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Isopropyl acetate	77.0	1000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
iso-Pentane	71.8	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Methanol	73.4	1000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
2-Methylpentane	73.0	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
3-Methylpentane	72.2	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
neo-Pentane	70.3	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
n-Pentane	77.9	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Pentanes	73.3	1000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Propane	61.2	1000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
2-Propanol (IPA)	84.7	1000	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Tetrahydrofuran	74.6	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39
Toluene	72.2	50.00	ppm	70-130	08/15/20 12:25	08/15/20 18:39

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Metals Analysis

Batch: 2034013 - Metals

Blank(2034013-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Cadmium	< LOQ	0.0500	ppm		08/18/20 12:25	08/19/20 16:59
Lead	< LOQ	0.0500	ppm		08/18/20 12:25	08/19/20 16:59
Arsenic	< LOQ	0.0500	ppm		08/18/20 12:25	08/19/20 16:59
Mercury	< LOQ	0.0100	ppm		08/18/20 12:25	08/19/20 16:59

LCS(2034013-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Cadmium	106	0.0500	ppm	70-130	08/18/20 12:25	08/19/20 17:01
Lead	115	0.0500	ppm	70-130	08/18/20 12:25	08/19/20 17:01
Arsenic	111	0.0500	ppm	70-130	08/18/20 12:25	08/19/20 17:01
Mercury	77.2	0.0100	ppm	70-130	08/18/20 12:25	08/19/20 17:01

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