

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

WC

Sample ID: G2B0400-03

Date Sampled: 02/24/22

Matrix: Hemp Extracts &

Test ID: 5021363

Source ID:

Date Accepted: 02/24/22

Harvest/Prod. Date: 2/22/22

Results at a Glance

Total THC: <LOQ (0.1577%) %

Total CBD: <LOQ (0.0431%) %

delta 8-THC: 89.38 % PASS

Pesticides: PASS

Residual Solvent Analysis: PASS







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WC

Sample ID: G2B0400-03 Matrix: Hemp Extracts &

Test ID: 5021363 Source ID:

Date Sampled: 02/24/22 Date Accepted: 02/24/22

Harvest/Prod. Date: 2/22/22

Potency Analysis

Analysis Method/SOP: 215 Date/Time Extracted: 02/25/22 09:44 Batch Identification: 2209042 **Cannabinoids Profile** Cannabinoids % by Wt. LOQ (%) mg/g **Total THC** 0.1577 < LOQ < LOQ Total CBD 0.0431 < LOQ < LOQ 2.4 THCA 0.0005 < LOQ < LOQ delta 9-THC 0.0005 < LOQ < LOQ delta 8-THC 893.8 0.0934 89.38 THCV 0.1052 < LOQ < LOQ < LOQ **THCVA** 0.0392 < LOQ CBD 0.0005 < LOQ < LOQ **CBDA** 0.0005 < LOQ < LOQ delta 8-THC 89.4 **CBDV** 0.1040 < LOQ < LOQ CBC 2.4 Total: 91.8 **CBDVA** 0.0341 < LOQ < LOQ **CBN** 0.0622 < LOQ < LOQ CBG 0.0164 < LOQ < LOQ CBGA 0.0164 < LOQ < LOQ 89.4 CBC 0.0186 2.400 24 91.78 **Total Cannabinoids** 917.8

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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Sample ID: G2B0400-03

Matrix: Hemp Extracts &

Test ID: 5021363 Source ID:

Date Sampled: 02/24/22

Date Accepted: 02/24/22

Harvest/Prod. Date: 2/22/22

Pesticide Analysis in ppm

Date/Time Extracted: 03/01/22 09:38

Analysis Method/SOP: 202

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

ND - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted Red.







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Matrix: Hemp Extracts &

Test ID: 5021363

Source ID:

Date Sampled: 02/24/22

Date Accepted: 02/24/22

Harvest/Prod. Date: 2/22/22

Residual Solvents

Date/Time Extracted: 03/02/22 10:31 Analysis Method/SOP: 205

Analyte	Result	Action Level	LOD	LOQ	Units	Notes	5	5
1,4-Dioxane	< LOQ	380		50.00	ppm	1	1	1
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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Quality Control Potency

Batch: 2209042 - 215-Concentrates

Blank(2209042-	BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		02/25/22 09:44	02/25/22 18:15	
delta 9-THC	< LOQ	0.0005	%		02/25/22 09:44	02/25/22 18:15	
delta 8-THC	< LOQ	0.0934	%		02/25/22 09:44	02/25/22 18:15	
THCV	< LOQ	0.1052	%		02/25/22 09:44	02/25/22 18:15	
THCVA	< LOQ	0.0392	%		02/25/22 09:44	02/25/22 18:15	
CBD	< LOQ	0.0005	%		02/25/22 09:44	02/25/22 18:15	
CBDA	< LOQ	0.0005	%		02/25/22 09:44	02/25/22 18:15	
CBDV	< LOQ	0.1040	%		02/25/22 09:44	02/25/22 18:15	
CBDVA	< LOQ	0.0341	%		02/25/22 09:44	02/25/22 18:15	
CBN	< LOQ	0.0622	%		02/25/22 09:44	02/25/22 18:15	
CBG	< LOQ	0.0164	%		02/25/22 09:44	02/25/22 18:15	
CBGA	< LOQ	0.0164	%		02/25/22 09:44	02/25/22 18:15	
CBC	< LOQ	0.0186	%		02/25/22 09:44	02/25/22 18:15	

Reference(220	Reference(2209042-SRM1)												
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes						
THCA	111	0.0001	%	80-120	02/25/22 09:44	02/25/22 18:38							
delta 9-THC	110	0.0001	%	80-120	02/25/22 09:44	02/25/22 18:38							
delta 8-THC	111	0.0231	%	0-200	02/25/22 09:44	02/25/22 18:38							
CBD	107	0.0001	%	80-120	02/25/22 09:44	02/25/22 18:38							
CBDA	110	0.0001	%	80-120	02/25/22 09:44	02/25/22 18:38							

Pesticide Analysis

Batch: 2210014 - 202

Blank(2210014-BL	_K1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27	
Acephate	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27	
Acequinocyl	< LOQ	0.5	ppm		03/01/22 09:38	03/01/22 20:27	
Acetamiprid	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27	
Aldicarb	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27	
Azoxystrobin	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27	
Bifenazate	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27	
Bifenthrin	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27	
Boscalid	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 15:39	
Carbaryl	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27	
Carbofuran	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27	
Chlorantraniliprole	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27	
Chlorfenapyr	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 15:39	





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Quality ControlPesticide Analysis (Continued)

Batch: 2210014 - 202 (Continued)

Analyte Result LOQ Units %Recovery Line Chlorpyrifos < LOQ 0.1 ppm Clofentezine < LOQ 0.1 ppm Daminozide < LOQ 0.5 ppm Cyfluthrin < LOQ 0.5 ppm Diazinon < LOQ 0.1 ppm Cypermethrin < LOQ 0.5 ppm Dimethoate < LOQ 0.1 ppm Ethoprophos < LOQ 0.1 ppm Etofenprox < LOQ 0.1 ppm	mits Extracted Analyzed Note 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 15:39 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27
Clofentezine < LOQ	03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 15:39 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 15:39 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27
Daminozide < LOQ 0.5 ppm Cyfluthrin < LOQ 0.5 ppm Diazinon < LOQ 0.1 ppm Cypermethrin < LOQ 0.5 ppm Dimethoate < LOQ 0.1 ppm Ethoprophos < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 15:39 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 15:39 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27
Cyfluthrin < LOQ 0.5 ppm Diazinon < LOQ 0.1 ppm Cypermethrin < LOQ 0.5 ppm Dimethoate < LOQ 0.1 ppm Ethoprophos < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 15:39 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 15:39 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27
Diazinon < LOQ 0.1 ppm Cypermethrin < LOQ 0.5 ppm Dimethoate < LOQ 0.1 ppm Ethoprophos < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 15:39 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27
Cypermethrin < LOQ 0.5 ppm Dimethoate < LOQ 0.1 ppm Ethoprophos < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 15:39 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27
Dimethoate < LOQ 0.1 ppm Ethoprophos < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27
Ethoprophos < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27
	03/01/22 09:38 03/01/22 20:27 03/01/22 09:38 03/01/22 20:27
Etofenprox < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Etoxazole < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Fenoxycarb < LOQ 0.1 ppm	
Fenpyroximate < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Flonicamid < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Hexythiazox < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Imazalil < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Fipronil < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 15:39
Imidacloprid < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Fludioxonil < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 15:39
Metalaxyl < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Methiocarb < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Methomyl < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Myclobutanil < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Kresoxim-methyl < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 15:39
Naled < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Malathion < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 15:39
Oxamyl < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Paclobutrazol < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Permethrins < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Methyl parathion < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 15:39
MGK-264 < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 15:39
Phosmet < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Piperonyl butoxide < LOQ 0.9 ppm	03/01/22 09:38 03/01/22 20:27
Prallethrin < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Propoxur < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Pyrethrins < LOQ 0.5 ppm	03/01/22 09:38 03/01/22 20:27
Pyridaben < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27
Propiconazole < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 15:39
Spinosad < LOQ 0.1 ppm	03/01/22 09:38 03/01/22 20:27





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Quality ControlPesticide Analysis (Continued)

Batch: 2210014 - 202 (Continued)

Blank(2210014-BLK1)											
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes				
Spiromesifen	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27					
Spirotetramat	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27					
Spiroxamine	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27					
Tebuconazole	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27					
Thiacloprid	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27					
Thiamethoxam	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27					
Trifloxystrobin	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27					
DDVP (Dichlorvos)	< LOQ	0.1	ppm		03/01/22 09:38	03/01/22 20:27					

LCS(2210014-BS	1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	99.8	0.1	ppm	50-150	03/01/22 09:38	03/01/22 20:50	
Acephate	93.6	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Acequinocyl	78.0	0.5	ppm	40-160	03/01/22 09:38	03/01/22 20:50	
Acetamiprid	106	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Aldicarb	109	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Azoxystrobin	101	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Bifenazate	98.3	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Bifenthrin	102	0.1	ppm	50-150	03/01/22 09:38	03/01/22 20:50	
Boscalid	77.0	0.1	ppm	60-120	03/01/22 09:38	03/01/22 16:02	
Carbaryl	103	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Carbofuran	105	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Chlorantraniliprole	159	0.1	ppm	34-117	03/01/22 09:38	03/01/22 20:50	
Chlorfenapyr	110	0.1	ppm	60-120	03/01/22 09:38	03/01/22 16:02	
Chlorpyrifos	90.6	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Clofentezine	142	0.1	ppm	10-100	03/01/22 09:38	03/01/22 20:50	BSH
Daminozide	449	0.5	ppm	10-214	03/01/22 09:38	03/01/22 20:50	BSH
Cyfluthrin	86.7	0.5	ppm	50-150	03/01/22 09:38	03/01/22 16:02	
Diazinon	99.8	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Cypermethrin	123	0.5	ppm	50-150	03/01/22 09:38	03/01/22 16:02	
Dimethoate	107	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Ethoprophos	106	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Etofenprox	96.1	0.1	ppm	50-150	03/01/22 09:38	03/01/22 20:50	
Etoxazole	98.0	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Fenoxycarb	106	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Fenpyroximate	97.1	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Flonicamid	135	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	BSH
Hexythiazox	89.7	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Imazalil	100	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	



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Quality ControlPesticide Analysis (Continued)

Batch: 2210014 - 202 (Continued)

LCS(2210014-BS	1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	95.3	0.1	ppm	60-120	03/01/22 09:38	03/01/22 16:02	
Imidacloprid	122	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	BSH
Fludioxonil	97.6	0.1	ppm	50-150	03/01/22 09:38	03/01/22 16:02	
Metalaxyl	102	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Methiocarb	103	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Methomyl	105	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Myclobutanil	112	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Kresoxim-methyl	102	0.1	ppm	60-120	03/01/22 09:38	03/01/22 16:02	
Naled	108	0.1	ppm	50-150	03/01/22 09:38	03/01/22 20:50	
Malathion	103	0.1	ppm	60-120	03/01/22 09:38	03/01/22 16:02	
Oxamyl	109	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Paclobutrazol	112	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Permethrins	97.3	0.1	ppm	50-150	03/01/22 09:38	03/01/22 20:50	
Methyl parathion	119	0.1	ppm	50-150	03/01/22 09:38	03/01/22 16:02	
MGK-264	95.7	0.1	ppm	50-150	03/01/22 09:38	03/01/22 16:02	
Phosmet	109	0.1	ppm	50-150	03/01/22 09:38	03/01/22 20:50	
Piperonyl butoxide	68.7	0.9	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Prallethrin	101	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Propoxur	108	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Pyrethrins	57.5	0.5	ppm	10-198	03/01/22 09:38	03/01/22 20:50	
Pyridaben	97.5	0.1	ppm	50-150	03/01/22 09:38	03/01/22 20:50	
Propiconazole	75.1	0.1	ppm	60-120	03/01/22 09:38	03/01/22 16:02	
Spinosad	93.7	0.1	ppm	50-150	03/01/22 09:38	03/01/22 20:50	
Spiromesifen	101	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Spirotetramat	115	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Spiroxamine	87.0	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Tebuconazole	111	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Thiacloprid	110	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Thiamethoxam	112	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
Trifloxystrobin	103	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	
DDVP (Dichlorvos)	109	0.1	ppm	60-120	03/01/22 09:38	03/01/22 20:50	

Solvent Analysis

Batch: 2210027 - 205

Blank(2210027-BLK1)											
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes				
Acetone	< LOQ	1000	ppm		03/02/22 10:31	03/02/22 19:20					
Acetonitrile	< LOQ	50.00	ppm		03/02/22 10:31	03/02/22 19:20					





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Quality Control Solvent Analysis (Continued)

Batch: 2210027 - 205 (Continued)

Blank(2210027-Bl	LK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		03/02/22 10:31	03/03/22 08:56	
Butanes	< LOQ	1000	ppm		03/02/22 10:31	03/02/22 19:20	
2-Butanol	< LOQ	1000	ppm		03/02/22 10:31	03/02/22 19:20	
Cumene	< LOQ	35.00	ppm		03/02/22 10:31	03/02/22 19:20	
Cyclohexane	< LOQ	50.00	ppm		03/02/22 10:31	03/02/22 19:20	
Dichloromethane	< LOQ	50.00	ppm		03/02/22 10:31	03/02/22 19:20	
1,4-Dioxane	< LOQ	50.00	ppm		03/02/22 10:31	03/02/22 19:20	
2-Ethoxyethanol	< LOQ	80.00	ppm		03/02/22 10:31	03/02/22 19:20	
Ethyl acetate	< LOQ	1000	ppm		03/02/22 10:31	03/02/22 19:20	
Ethyl benzene	< LOQ	35.00	ppm		03/02/22 10:31	03/02/22 19:20	
Ethylene glycol	< LOQ	310.0	ppm		03/02/22 10:31	03/02/22 19:20	
Ethylene oxide	< LOQ	25.00	ppm		03/02/22 10:31	03/02/22 19:20	
Ethyl ether	< LOQ	1000	ppm		03/02/22 10:31	03/02/22 19:20	
Heptane	< LOQ	1000	ppm		03/02/22 10:31	03/02/22 19:20	
Hexanes	< LOQ	50.00	ppm		03/02/22 10:31	03/02/22 19:20	
Isopropyl acetate	< LOQ	1000	ppm		03/02/22 10:31	03/02/22 19:20	
Methanol	< LOQ	1000	ppm		03/02/22 10:31	03/02/22 19:20	
Pentanes	< LOQ	1000	ppm		03/02/22 10:31	03/02/22 19:20	
Propane	< LOQ	1000	ppm		03/02/22 10:31	03/02/22 19:20	
2-Propanol (IPA)	< LOQ	1000	ppm		03/02/22 10:31	03/02/22 19:20	
Tetrahydrofuran	< LOQ	50.00	ppm		03/02/22 10:31	03/02/22 19:20	
Toluene	< LOQ	50.00	ppm		03/02/22 10:31	03/02/22 19:20	
Xylenes	< LOQ	50.00	ppm		03/02/22 10:31	03/02/22 19:20	

LCS(2210027-BS	51)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	98.8	1000	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Acetonitrile	98.3	50.00	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Benzene	92.3	1.000	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Butanes	103	1000	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
2-Butanol	93.5	1000	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Cumene	87.6	35.00	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Cyclohexane	93.0	50.00	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Dichloromethane	101	50.00	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
1,4-Dioxane	89.3	50.00	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
2-Ethoxyethanol	90.6	80.00	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Ethyl acetate	96.2	1000	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Ethyl benzene	86.4	35.00	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Ethylene glycol	67.7	310.0	ppm	60-120	03/02/22 10:31	03/02/22 16:13	BSL



1= month

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Quality Control Solvent Analysis (Continued)

Batch: 2210027 - 205 (Continued)

LCS(2210027-BS	1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	60.0	25.00	ppm	60-120	03/02/22 10:31	03/02/22 16:13	BSL
Ethyl ether	102	1000	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Heptane	103	1000	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Hexanes	94.7	50.00	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Isopropyl acetate	95.0	1000	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Methanol	110	1000	ppm	40-120	03/02/22 10:31	03/02/22 16:13	
Pentanes	104	1000	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Propane	112	1000	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
2-Propanol (IPA)	87.9	1000	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Tetrahydrofuran	101	50.00	ppm	60-120	03/02/22 10:31	03/02/22 16:13	
Toluene	88.1	50.00	ppm	60-120	03/02/22 10:31	03/02/22 16:13	





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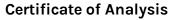
Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117.

Quality Control samples were tested as received.

ATM BLI	Non-cannabis matrix related interference or suppression of Internal standard Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery.
BLK	Analyte detected in method blank, but not associated samples.
BSH	Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
BSL	Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed
С	manually for all samples.
CBD	Interference due to co-elution
CV1	CBD matrix interference on GC Pest chromatography
CV2	CCV was above acceptance criteria, Non-detect samples are considered acceptable.
INF	CCV was below acceptance criteria, sample still exceeds regulatory limit.
ISH	One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
ISL	Internal Standard concentration is above acceptance criteria.
MSH	Internal Standard concentration is below acceptance criteria.
MSI	Matrix Spike High - Matrix Spike recovery above method limits.
MSL	Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting
TPP	recovery accuracy in Matrix Spike.
U	Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed





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1 of 1

HHCO

Sample ID: SA-230406-19930 Batch: Validation Type: In-Process Materials Matrix: Concentrate - Distillate Unit Mass (g):

Received: 04/06/2023 Completed: 04/17/2023 Client Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309

Summary Test

Cannabinoids

Date Tested 04/17/2023

USA

Status Tested

ND Total Δ9-THC

68.8 % (6aR,9R,10aR)-HHC acetate

95.3 % Total Cannabinoids

Not Tested Moisture Content

Not Tested Foreign Matter

Internal Standard Normalization

Yes

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBG	0.0057	0.0172	ND	ND
CBL	0.0112	0.0335	ND	ND
CBN	0.0056	0.0169	ND	ND
CBT	0.018	0.054	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
(6aR,9R,10aR)-HHC acetate	0.0067	0.02	68.8	688
(6aR,9S,10aR)-HHC acetate	0.0067	0.02	26.4	264
Total Δ9-THC			ND	ND
Total			95.3	953

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone

CCO

Tested By: Scott Caudill Senior Scientist Date: 04/17/2023



Accreditation #108651





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1 of 1

Arvida Labs THCp

Sample ID: SA-230321-18754 Batch: AL-THCp-0001 Type: Finished Products Matrix: Concentrate - Distillate

Unit Mass (g):

Collected: 03/21/2023 Received: 03/22/2023 Completed: 03/27/2023 Client Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309



Summary Test Cannabinoids

Date Tested 03/27/2023

Status Tested

ND Total Δ9-THC

88.9 % Δ9-ΤΗСР

94.8 % Total Cannabinoids

Not Tested Moisture Content

Not Tested Foreign Matter

Internal Standard Normalization

Yes

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	(%)	LOQ (%)	Result (%)	Result (mg/g)	
CBC	0.0095	0.0284	ND	ND	
CBCA	0.0181	0.0543	ND	ND	
CBCV	0.006	0.018	ND	ND	
CBD	0.0081	0.0242	ND	ND	
CBDA	0.0043	0.013	ND	ND	
CBDP	0.0067	0.02	ND	ND	
CBDV	0.0061	0.0182	ND	ND	(x1,000,000)
CBDVA	0.0021	0.0063	ND	ND	15 College THO
CBG	0.0057	0.0172	ND	ND	15 15 15 15 15 15 15 15
CBGA	0.0049	0.0147	ND	ND	4.0
CBL	0.0112	0.0335	ND	ND	3.5
CBLA	0.0124	0.0371	ND	ND	25
CBN	0.0056	0.0169	ND	ND	20
CBNA	0.006	0.0181	ND	ND	15 94
CBT	0.018	0.054	ND	ND	os-
Δ8-THC	0.0104	0.0312	ND	ND	30 40 50 60 70 60 90 160 110 120 130 140 150
Δ8-ΤΗСΡ	0.0067	0.02	5.82	58.2	
Δ9-ΤΗС	0.0076	0.0227	ND	ND	
Δ9-ΤΗСΑ	0.0084	0.0251	ND	ND	
Δ9-ΤΗСΡ	0.0067	0.02	88.9	889	
Δ9-ΤΗCV	0.0069	0.0206	ND	ND	
Δ9-ΤΗСVΑ	0.0062	0.0186	ND	ND	
Total Δ9-TH	С		ND	ND	
Total CBD			ND	ND	
Total			94.8	948	

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ 9-THC = Δ 9-THC4 * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone CCO

Date: 03/27/2023

Tested By: Scott Caudill Senior Scientist Date: 03/27/2023









This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories KCA Laboratories and provide measurement uncertainty upon request.

1 of 8

HHCP

Sample ID: SA-230313-18092 Batch: HHCP-032023 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 03/14/2023 Completed: 03/23/2023 Client Arvida Labs

1291 NW 65th PL Unit B Fort Lauderdale, FL 33309

USA



Summary

Test Cannabinoids Catalyst Metals Foreign Matter Heavy Metals Microbials Mycotoxins Pesticides Residual Solvents **Date Tested** 03/17/2023 03/21/2023 03/15/2023 03/17/2023 03/23/2023 03/16/2023 03/16/2023 03/15/2023

Status Tested Tested Tested Tested Tested Tested Tested Tested

ND

Total Δ9-THC

72.3 % 9R-HHCP

80.9 % Total Cannabinoids

Not Tested Moisture Content

Foreign Matter

Not Detected

Yes Internal Standard

Normalization

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Amalusta	LOD	LOQ	Result	Result	
Analyte	(%)	(%)	(%)	(mg/g)	
CBC	0.0095	0.0284	ND	ND	
CBCA	0.0181	0.0543	ND	ND	
CBCV	0.006	0.018	ND	ND	
CBD	0.0081	0.0242	ND	ND	
CBDA	0.0043	0.013	ND	ND	
CBDP	0.0067	0.02	ND	ND	
CBDV	0.0061	0.0182	ND	ND	
CBDVA	0.0021	0.0063<	ND	ND	
CBG	0.0057	0.0172	ND	ND	(x1,000,00
CBGA	0.0049	0.0147	ND	ND	5.5
CBL	0.0112	0.0335	ND	ND	4.5
CBLA	0.0124	0.0371	ND	ND	4.0-
CBN	0.0056	0.0169	ND	ND	3.5
CBNA	0.006	0.0181	ND	ND	2.5
CBT	0.018	0.054	ND	ND	2.0
Δ8-ΤΗС	0.0104	0.0312	ND	ND	1.5-
Δ8-ΤΗСΡ	0.0067	0.02	ND	ND	0.5
Δ9-THC	0.0076	0.0227	ND	ND	3.0
Δ9-ΤΗСΑ	0.0084	0.0251	ND	ND	
Δ9-ΤΗСΡ	0.0067	0.02	ND	ND	
Δ9-THCV	0.0069	0.0206	ND	ND	
Δ9-THCVA	0.0062	0.0186	ND	ND	
(6aR,9R,10aR)-HF	IC 0.0067	0.02	ND	ND	
(6aR,9S,10aR)-HH	IC 0.0067	0.02	ND	ND	
9R-HHCP	0.0067	0.02	72.3	723	
9S-HHCP	0.0067	0.02	8.66	86.6	
Total Δ9-THC			ND	ND	
Total CBD			ND	ND	
Total	\sim /		80.9	809	

My lested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA

Generated By: Ryan Bellone CCO

Date: 03/23/2023

Tested By: Scott Caudill Senior Scientist Date: 03/17/2023





ISO/IEC 17025:2017 Accredited Accreditation #108651



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HHCP

Sample ID: SA-230313-18092 Batch: HHCP-032023 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 03/14/2023 Completed: 03/23/2023 Client Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309 USA

Generated By: Ryan Bellone CCO

Date: 03/23/2023





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HHCP

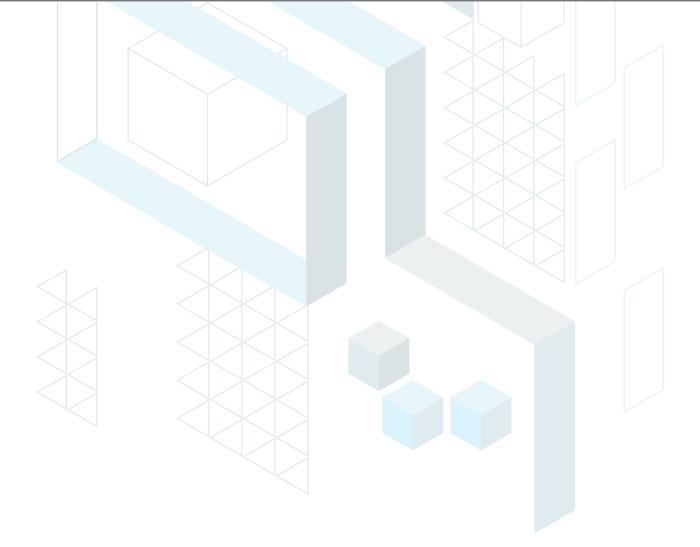
Sample ID: SA-230313-18092 Batch: HHCP-032023 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 03/14/2023 Completed: 03/23/2023 Client Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309 USA

Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

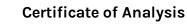


Generated By: Ryan Bellone CCO

Date: 03/23/2023

Tested By: Kelsey Rogers Scientist Date: 03/17/2023







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HHCP

Sample ID: SA-230313-18092 Batch: HHCP-032023 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 03/14/2023 Completed: 03/23/2023 Client Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309

Pesticides by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Bifenthrin	30	100	ND	Metalaxyl	30	100	ND
Boscalid	30	100	ND	Methiocarb	30	100	ND
Carbaryl	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlorfenapyr	30	100	ND	Oxamyl	30	100	ND
Chlorpyrifos	30	100	ND	Paclobutrazol	30	100	ND
Clofentezine	30	100	ND	Permethrin	30	100	ND
Coumaphos	30	100	ND	Phosmet	30	100	ND
Daminozide	30	100	ND	Piperonyl Butoxide	30	100	ND
Diazinon	30	100	ND	Prallethrin	30	100	ND
Dichlorvos	30	100	ND	Propiconazole	30	100	ND
Dimethoate	30	100	ND	Propoxur	30	100	ND
Dimethomorph	30	100	ND	Pyrethrins	30	100	ND
Ethoprophos	30	100	ND	Pyridaben	30	100	ND
Etofenprox	30	100	ND	Spinetoram	30	100	ND
Etoxazole	30	100	ND	Spinosad	30	100	ND
Fenhexamid	30	100	ND	Spiromesifen	30	100	ND
Fenoxycarb	30	100	ND	Spirotetramat	30	100	ND
Fenpyroximate	30	100	ND	Spiroxamine	30	100	ND
Fipronil	30	100	ND	Tebuconazole	30	100	ND
Flonicamid	30	100	ND	Thiacloprid	30	100	ND
Fludioxonil	30	100	ND	Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone CCO

Date: 03/23/2023

Tested By: Jasper van Heemst **Principal Scientist** Date: 03/16/2023





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HHCP

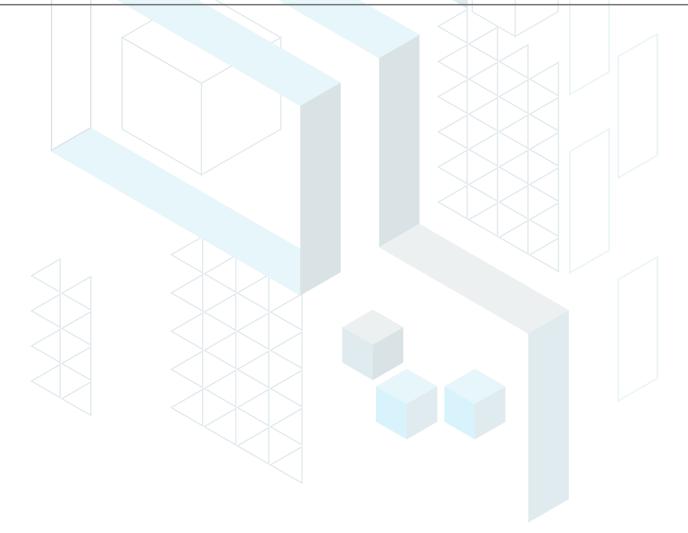
Sample ID: SA-230313-18092 Batch: HHCP-032023 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 03/14/2023 Completed: 03/23/2023 Client
Arvida Labs
1291 NW 65th PL Unit B
Fort Lauderdale, FL 33309

Mycotoxins by LC-MS/MS

Analyte	LOD (ppb	LOQ (ppb)	Result (ppb)	
B1	1	5	ND	
B2	1	5	ND	
G1	1	5	ND	
G2	1	5	ND	
Ochratoxin A	1	5	ND	

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO Date: 03/23/2023 Tested By: Jasper van Heemst Principal Scientist Date: 03/16/2023



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HHCP

Sample ID: SA-230313-18092 Batch: HHCP-032023 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 03/14/2023 Completed: 03/23/2023 Client Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309 USA

Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)
Total aerobic count		ND
Total coliforms	1	ND
Generic E. coli	1	ND
Salmonella spp.	1	ND
Shiga-toxin producing E. coli (STEC)	1	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



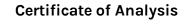
Generated By: Ryan Bellone CCO

Date: 03/23/2023

Tested By: Lucy Jones Scientist Date: 03/23/2023



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories KCA Laboratories can provide measurement uncertainty upon request.





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HHCP

Sample ID: SA-230313-18092 Batch: HHCP-032023 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 03/14/2023 Completed: 03/23/2023 Client

Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309

Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone CCO

Date: 03/23/2023

Tested By: Scott Caudill Senior Scientist Date: 03/15/2023





Nicholasville, KY 40356

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Certificate of Analysis

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HHCP

Sample ID: SA-230313-18092 Batch: HHCP-032023 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 03/14/2023 Completed: 03/23/2023 Client
Arvida Labs
1291 NW 65th PL Unit B
Fort Lauderdale, FL 33309
USA

Catalyst Metals

Analyte Result Unit LOD LOQ Platinum (Pt) ND ppb 3 10 Rhodium (Rh) ND ppb 3 10	
Rhodium (Rh) ND ppb 3 10	
Ruthenium (Ru) ND ppb 3 10	
Nickel (Ni) 14.9 ppb 3	
Nickel (Ni) 14.9 ppb 3 10 Palladium (Pd) ND ppb 3 10	

Generated By: Ryan Bellone

CCO Date: 03/23/2023 Tested By: Kelsey Rogers Scientist Date: 03/21/2023

