



### ODA CBD Isolate

Sample ID: G0K0065-01

Matrix: Hemp Extracts &

Test ID: 5012445

Source ID:

Date Sampled: 11/03/20

Date Accepted: 11/03/20

OPS ODA Hemp, LLC

### Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : 99.96 %

Pesticides : PASS



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Quality Officer - 11/9/2020

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OPS ODA Hemp, LLC

### Potency Analysis

Date/Time Extracted: 11/06/20 08:20

Analysis Method/SOP: 215

Batch Identification: 2045048

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	
Total CBD	0.0431	99.96	999.6	
THCA	0.0607	< LOQ	< LOQ	
delta 9-THC	0.1577	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
Exo-THC	0.0217	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0324	99.96	999.6	
CBDA	0.0431	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
<b>Total Cannabinoids</b>		99.96	999.6	

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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Matrix: Hemp Extracts &

Test ID: 5012445

Source ID:

Date Sampled: 11/03/20

Date Accepted: 11/03/20

OPS ODA Hemp, LLC

### Pesticide Analysis in ppm

Date/Time Extracted: 11/05/20 08:23  
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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### Quality Control Potency

Batch: 2045048 - 215-Concentrates

Blank(2045048-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0607	%		11/06/20 08:20	11/07/20 11:35
delta 9-THC	< LOQ	0.1577	%		11/06/20 08:20	11/07/20 11:35
delta 8-THC	< LOQ	0.0934	%		11/06/20 08:20	11/07/20 11:35
Exo-THC	< LOQ	0.0217	%		11/06/20 08:20	11/07/20 11:35
THCV	< LOQ	0.1052	%		11/06/20 08:20	11/07/20 11:35
THCVA	< LOQ	0.0392	%		11/06/20 08:20	11/07/20 11:35
CBD	< LOQ	0.0324	%		11/06/20 08:20	11/07/20 11:35
CBDA	< LOQ	0.0431	%		11/06/20 08:20	11/07/20 11:35
CBDV	< LOQ	0.1040	%		11/06/20 08:20	11/07/20 11:35
CBDVA	< LOQ	0.0341	%		11/06/20 08:20	11/07/20 11:35
CBN	< LOQ	0.0622	%		11/06/20 08:20	11/07/20 11:35
CBG	< LOQ	0.0164	%		11/06/20 08:20	11/07/20 11:35
CBGA	< LOQ	0.0164	%		11/06/20 08:20	11/07/20 11:35
CBC	< LOQ	0.0186	%		11/06/20 08:20	11/07/20 11:35

Reference(2045048-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	93.3	0.0299	%	80-120	11/06/20 08:20	11/06/20 19:13
delta 9-THC	93.6	0.0776	%	80-120	11/06/20 08:20	11/06/20 19:13
CBD	93.4	0.0159	%	80-120	11/06/20 08:20	11/06/20 19:13
CBDA	90.4	0.0212	%	80-120	11/06/20 08:20	11/06/20 19:13

### Pesticide Analysis

Batch: 2045037 - 202

Blank(2045037-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.4	ppm		11/05/20 08:23	11/05/20 17:54
DDVP (Dichlorvos)	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:52
Acephate	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Acequinocyl	< LOQ	0.4	ppm		11/05/20 08:23	11/05/20 17:54
Acetamiprid	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Aldicarb	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Azoxystrobin	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Bifenazate	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Bifenthrin	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Boscalid	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:52
Carbaryl	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Carbofuran	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Chlorantraniliprole	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54



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### Quality Control Pesticide Analysis (Continued)

Batch: 2045037 - 202 (Continued)

Blank(2045037-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Chlorfenapyr	< LOQ	0.4	ppm		11/05/20 08:23	11/05/20 17:52
Chlorpyrifos	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Clofentezine	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Daminozide	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Cyfluthrin	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:52
Diazinon	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Cypermethrin	< LOQ	0.4	ppm		11/05/20 08:23	11/05/20 17:52
Dimethoate	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Ethoprophos	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Etofenprox	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Etoxazole	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Fenoxycarb	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Fenpyroximate	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Fonicamid	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Fludioxonil	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Hexythiazox	< LOQ	0.1	ppm		11/05/20 08:23	11/05/20 17:54
Imazalil	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Fipronil	< LOQ	0.1	ppm		11/05/20 08:23	11/05/20 17:52
Imidacloprid	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Fludioxonil	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:52
Metalaxyl	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Methiocarb	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Methomyl	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Myclobutanil	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Kresoxim-methyl	< LOQ	0.1	ppm		11/05/20 08:23	11/05/20 17:52
Naled	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Malathion	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:52
Oxamyl	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Paclobutrazol	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Methyl parathion	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:52
MGK-264	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:52
Phosmet	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Piperonyl butoxide	< LOQ	0.9	ppm		11/05/20 08:23	11/05/20 17:54
Prallethrin	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Propoxur	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Permethrins	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:52
Pyrethrins	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Pyridaben	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54



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### Quality Control Pesticide Analysis (Continued)

Batch: 2045037 - 202 (Continued)

Blank(2045037-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Propiconazole	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:52
Spinosad	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Spiromesifen	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Spirotetramat	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Spiroxamine	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Tebuconazole	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Thiacloprid	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Thiamethoxam	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54
Trifloxystrobin	< LOQ	0.06	ppm		11/05/20 08:23	11/05/20 17:54

LCS(2045037-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	101	0.4	ppm	70-130	11/05/20 08:23	11/05/20 18:18
DDVP (Dichlorvos)	127	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Acephate	87.2	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Acequinocyl	39.1	0.4	ppm	5.57-33.8	11/05/20 08:23	11/05/20 18:18
Acetamiprid	103	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Aldicarb	99.1	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Azoxystrobin	106	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Bifenazate	120	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Bifenthrin	96.2	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Boscalid	95.2	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Carbaryl	99.3	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Carbofuran	99.8	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Chlorantraniliprole	102	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Chlorfenapyr	98.8	0.4	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Chlorpyrifos	101	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Clofentezine	26.9	0.06	ppm	14.4-62.3	11/05/20 08:23	11/05/20 18:18
Daminozide	73.5	0.06	ppm	0-100	11/05/20 08:23	11/05/20 18:18
Cyfluthrin	79.6	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Diazinon	98.5	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Cypermethrin	96.4	0.4	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Dimethoate	102	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Ethoprophos	98.7	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Etofenprox	92.8	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Etoxazole	100	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Fenoxycarb	95.4	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Fenpyroximate	67.2	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Fonicamid	77.7	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18



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### Quality Control Pesticide Analysis (Continued)

Batch: 2045037 - 202 (Continued)

LCS(2045037-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Fludioxonil	101	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Hexythiazox	100	0.1	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Imazalil	75.9	0.06	ppm	57.9-96.4	11/05/20 08:23	11/05/20 18:18
Fipronil	105	0.1	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Imidacloprid	105	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Fludioxonil	88.9	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Metalaxyl	101	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Methiocarb	99.1	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Methomyl	100	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Myclobutanil	98.6	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Kresoxim-methyl	104	0.1	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Naled	98.9	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Malathion	102	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Oxamyl	101	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Paclobutrazol	96.9	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Methyl parathion	109	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:14
MGK-264	102	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Phosmet	99.1	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Piperonyl butoxide	109	0.9	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Prallethrin	105	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Propoxur	102	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Permethrins	80.1	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Pyrethrins	71.2	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Pyridaben	100	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Propiconazole	101	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:14
Spinosad	89.0	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Spiromesifen	100	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Spirotetramat	101	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Spiroxamine	96.6	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Tebuconazole	90.8	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Thiacloprid	101	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Thiamethoxam	104	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18
Trifloxystrobin	101	0.06	ppm	70-130	11/05/20 08:23	11/05/20 18:18



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