



Sunrise

Sample ID: G1D0145-01

Matrix: Hemp Extracts &

Test ID: 5012039

Source ID:

Date Sampled: 04/07/21

Date Accepted: 04/07/21

Abaca Global

Results at a Glance

Total THC : 0.0753 %

Total CBD : 2.440 %

Residual Solvent Analysis : PASS



Brittany Wiemer

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Quality Officer - 4/9/2021

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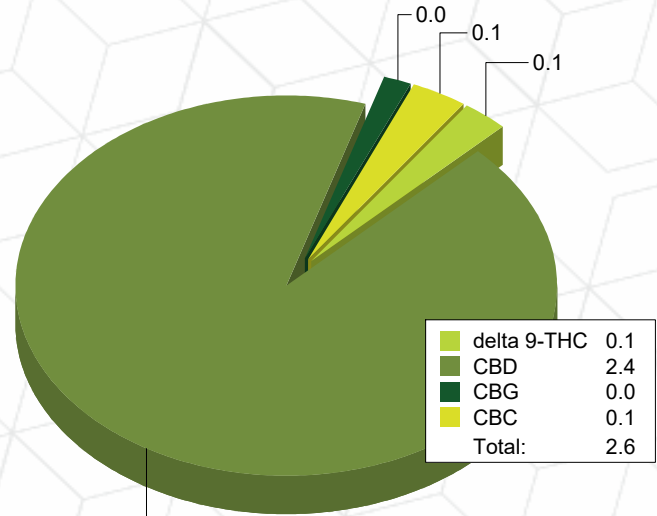
Potency Analysis

Date/Time Extracted: 04/08/21 14:31

Analysis Method/SOP: 215

Batch Identification: 2115046

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0121	0.0753	0.753	
Total CBD	0.0033	2.440	24.4	
THCA	0.0047	< LOQ	< LOQ	
delta 9-THC	0.0121	0.0753	0.753	
delta 8-THC	0.0072	< LOQ	< LOQ	
Exo-THC	0.0017	< LOQ	< LOQ	
THCV	0.0081	< LOQ	< LOQ	
THCVA	0.0030	< LOQ	< LOQ	
CBD	0.0025	2.440	24.4	
CBDA	0.0033	< LOQ	< LOQ	
CBDV	0.0080	< LOQ	< LOQ	
CBDVA	0.0026	< LOQ	< LOQ	
CBN	0.0048	< LOQ	< LOQ	
CBG	0.0013	0.0474	0.474	
CBGA	0.0013	< LOQ	< LOQ	
CBC	0.0014	0.0860	0.86	
Total Cannabinoids		2.649	26.49	



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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Residual Solvents

Date/Time Extracted: 04/08/21 12:35

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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Quality Control Potency

Batch: 2115046 - 215-Concentrates

Blank(2115046-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0607	%		04/08/21 14:31	04/08/21 18:26
delta 9-THC	< LOQ	0.1577	%		04/08/21 14:31	04/08/21 18:26
delta 8-THC	< LOQ	0.0934	%		04/08/21 14:31	04/08/21 18:26
Exo-THC	< LOQ	0.0217	%		04/08/21 14:31	04/08/21 18:26
THCV	< LOQ	0.1052	%		04/08/21 14:31	04/08/21 18:26
THCVA	< LOQ	0.0392	%		04/08/21 14:31	04/08/21 18:26
CBD	< LOQ	0.0324	%		04/08/21 14:31	04/08/21 18:26
CBDA	< LOQ	0.0431	%		04/08/21 14:31	04/08/21 18:26
CBDV	< LOQ	0.1040	%		04/08/21 14:31	04/08/21 18:26
CBDVA	< LOQ	0.0341	%		04/08/21 14:31	04/08/21 18:26
CBN	< LOQ	0.0622	%		04/08/21 14:31	04/08/21 18:26
CBG	< LOQ	0.0164	%		04/08/21 14:31	04/08/21 18:26
CBGA	< LOQ	0.0164	%		04/08/21 14:31	04/08/21 18:26
CBC	< LOQ	0.0186	%		04/08/21 14:31	04/08/21 18:26

Reference(2115046-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	101	0.0280	%	80-120	04/08/21 14:31	04/08/21 18:48
delta 9-THC	107	0.0726	%	80-120	04/08/21 14:31	04/08/21 18:48
CBD	109	0.0149	%	80-120	04/08/21 14:31	04/08/21 18:48
CBDA	104	0.0199	%	80-120	04/08/21 14:31	04/08/21 18:48

Solvent Analysis

Batch: 2115043 - 205

Blank(2115043-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		04/08/21 12:35	04/08/21 22:35
Acetonitrile	< LOQ	50.00	ppm		04/08/21 12:35	04/08/21 22:35
Benzene	< LOQ	1.000	ppm		04/08/21 12:35	04/08/21 22:35
Butanes	< LOQ	1000	ppm		04/08/21 12:35	04/08/21 22:35
2-Butanol	< LOQ	1000	ppm		04/08/21 12:35	04/08/21 22:35
Cumene	< LOQ	35.00	ppm		04/08/21 12:35	04/08/21 22:35
Cyclohexane	< LOQ	50.00	ppm		04/08/21 12:35	04/08/21 22:35
Dichloromethane	< LOQ	50.00	ppm		04/08/21 12:35	04/08/21 22:35
1,4-Dioxane	< LOQ	50.00	ppm		04/08/21 12:35	04/08/21 22:35
2-Ethoxyethanol	< LOQ	80.00	ppm		04/08/21 12:35	04/08/21 22:35
Ethyl acetate	< LOQ	1000	ppm		04/08/21 12:35	04/08/21 22:35
Ethyl benzene	< LOQ	35.00	ppm		04/08/21 12:35	04/08/21 22:35
Ethylene glycol	< LOQ	310.0	ppm		04/08/21 12:35	04/08/21 22:35



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Quality Control Solvent Analysis (Continued)

Batch: 2115043 - 205 (Continued)

Blank(2115043-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethylene oxide	< LOQ	25.00	ppm		04/08/21 12:35	04/08/21 22:35
Ethyl ether	< LOQ	1000	ppm		04/08/21 12:35	04/08/21 22:35
Heptane	< LOQ	1000	ppm		04/08/21 12:35	04/08/21 22:35
Hexanes	< LOQ	50.00	ppm		04/08/21 12:35	04/08/21 22:35
Isopropyl acetate	< LOQ	1000	ppm		04/08/21 12:35	04/08/21 22:35
Methanol	< LOQ	1000	ppm		04/08/21 12:35	04/08/21 22:35
Pentanes	< LOQ	1000	ppm		04/08/21 12:35	04/08/21 22:35
Propane	< LOQ	1000	ppm		04/08/21 12:35	04/08/21 22:35
2-Propanol (IPA)	< LOQ	1000	ppm		04/08/21 12:35	04/08/21 22:35
Tetrahydrofuran	< LOQ	50.00	ppm		04/08/21 12:35	04/08/21 22:35
Toluene	< LOQ	50.00	ppm		04/08/21 12:35	04/08/21 22:35
Xylenes	< LOQ	50.00	ppm		04/08/21 12:35	04/08/21 22:35

LCS(2115043-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	89.4	1000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Acetonitrile	92.8	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Benzene	82.6	1.000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
n-Butane	79.7	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Butanes	77.8	1000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
2-Butanol	89.0	1000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Cumene	83.0	35.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Cyclohexane	82.0	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Dichloromethane	92.0	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
1,4-Dioxane	93.3	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
2-Ethoxyethanol	80.0	80.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Ethyl acetate	91.2	1000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Ethyl benzene	87.0	35.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Ethylene glycol	72.8	310.0	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Ethylene oxide	86.3	25.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Ethyl ether	84.4	1000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Heptane	79.7	1000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
n-Hexane	77.1	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Hexanes	78.7	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
iso-Butane	76.0	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Isopropyl acetate	91.0	1000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
iso-Pentane	79.0	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Methanol	84.5	1000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
2-Methylpentane	86.4	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59



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Quality Control Solvent Analysis (Continued)

Batch: 2115043 - 205 (Continued)

LCS(2115043-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
3-Methylpentane	80.0	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
neo-Pentane	87.9	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
n-Pentane	75.9	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Pentanes	80.9	1000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Propane	79.5	1000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
2-Propanol (IPA)	78.1	1000	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Tetrahydrofuran	86.6	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59
Toluene	84.9	50.00	ppm	70-130	04/08/21 12:35	04/08/21 18:59



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