



D8 PVC / WF

Sample ID: G1C0156-02

Matrix: Industrial Hemp

Test ID: 5015267

Source ID:

Date Sampled: 03/06/21

Date Accepted: 03/06/21

Amota Processing

Results at a Glance

Total THC : 0.1126 %

Total CBD : 2.631 %

Total CBG : 13.44 %

Residual Solvent Analysis : **PASS**



Russell Kuhfeld

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Quality Officer - 3/11/2021

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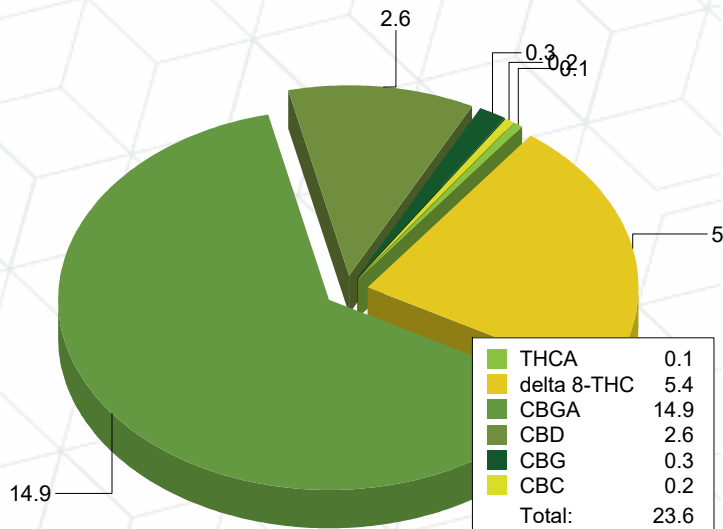
Potency Analysis

Date/Time Extracted: 03/08/21 14:30

Analysis Method/SOP: 215

Batch Identification: 2111010

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.009080	0.1126	1.126		
Total CBD	0.002075	2.631	26.31		
Total CBG	0.003160	13.44	134.4		
THCA	0.002920	0.1284	1.284		
delta 9-THC	0.009080	< LOQ	< LOQ		
delta 8-THC	0.01796	5.389	53.89		
THCV	0.005055	< LOQ	< LOQ		
THCVA	0.001885	< LOQ	< LOQ		
CBD	0.001555	2.631	26.31		
CBDA	0.002075	< LOQ	< LOQ		
CBDV	0.005000	< LOQ	< LOQ		
CBDVA	0.001640	< LOQ	< LOQ		
CBN	0.002990	< LOQ	< LOQ		
CBG	0.003160	0.3369	3.369		
CBGA	0.003160	14.93	149.3		
CBC	0.008965	0.1601	1.601		



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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LABORATORY

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Date Accepted: 03/06/21

Amota Processing

Residual Solvents

Date/Time Extracted: 03/08/21 09:54

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: 2111010 - 215-Hemp

Blank(2111010-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.01168	%		03/08/21 14:30	03/09/21 15:01
delta 9-THC	< LOQ	0.03632	%		03/08/21 14:30	03/09/21 15:01
delta 8-THC	< LOQ	0.01796	%		03/08/21 14:30	03/09/21 15:01
THCV	< LOQ	0.02022	%		03/08/21 14:30	03/09/21 15:01
THCVA	< LOQ	0.007540	%		03/08/21 14:30	03/09/21 15:01
CBD	< LOQ	0.006220	%		03/08/21 14:30	03/09/21 15:01
CBDA	< LOQ	0.008300	%		03/08/21 14:30	03/09/21 15:01
CBDV	< LOQ	0.02000	%		03/08/21 14:30	03/09/21 15:01
CBDVA	< LOQ	0.006560	%		03/08/21 14:30	03/09/21 15:01
CBN	< LOQ	0.01196	%		03/08/21 14:30	03/09/21 15:01
CBG	< LOQ	0.003160	%		03/08/21 14:30	03/09/21 15:01
CBGA	< LOQ	0.003160	%		03/08/21 14:30	03/09/21 15:01
CBC	< LOQ	0.03586	%		03/08/21 14:30	03/09/21 15:01

Reference(2111010-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	103	0.002920	%	80-120	03/08/21 14:30	03/09/21 15:36
delta 9-THC	97.4	0.009080	%	80-120	03/08/21 14:30	03/09/21 15:36
CBD	104	0.001555	%	80-120	03/08/21 14:30	03/09/21 15:36
CBDA	102	0.002075	%	80-120	03/08/21 14:30	03/09/21 15:36

Solvent Analysis

Batch: 2111004 - 205

Blank(2111004-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		03/08/21 09:54	03/10/21 08:25
Acetonitrile	< LOQ	50.00	ppm		03/08/21 09:54	03/10/21 08:25
Benzene	< LOQ	1.000	ppm		03/08/21 09:54	03/10/21 08:25
Butanes	< LOQ	1000	ppm		03/08/21 09:54	03/10/21 08:25
2-Butanol	< LOQ	1000	ppm		03/08/21 09:54	03/10/21 08:25
Cumene	< LOQ	35.00	ppm		03/08/21 09:54	03/10/21 08:25
Cyclohexane	< LOQ	50.00	ppm		03/08/21 09:54	03/10/21 08:25
Dichloromethane	< LOQ	50.00	ppm		03/08/21 09:54	03/10/21 08:25
1,4-Dioxane	< LOQ	50.00	ppm		03/08/21 09:54	03/10/21 08:25
2-Ethoxyethanol	< LOQ	80.00	ppm		03/08/21 09:54	03/10/21 08:25
Ethyl acetate	< LOQ	1000	ppm		03/08/21 09:54	03/10/21 08:25
Ethyl benzene	< LOQ	35.00	ppm		03/08/21 09:54	03/10/21 08:25
Ethylene glycol	< LOQ	310.0	ppm		03/08/21 09:54	03/10/21 08:25
Ethylene oxide	< LOQ	25.00	ppm		03/08/21 09:54	03/10/21 08:25



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Quality Control Solvent Analysis (Continued)

Batch: 2111004 - 205 (Continued)

Blank(2111004-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl ether	< LOQ	1000	ppm		03/08/21 09:54	03/10/21 08:25
Heptane	< LOQ	1000	ppm		03/08/21 09:54	03/10/21 08:25
Hexanes	< LOQ	50.00	ppm		03/08/21 09:54	03/10/21 08:25
Isopropyl acetate	< LOQ	1000	ppm		03/08/21 09:54	03/10/21 08:25
Methanol	< LOQ	1000	ppm		03/08/21 09:54	03/10/21 08:25
Pentanes	< LOQ	1000	ppm		03/08/21 09:54	03/10/21 08:25
Propane	< LOQ	1000	ppm		03/08/21 09:54	03/10/21 08:25
2-Propanol (IPA)	< LOQ	1000	ppm		03/08/21 09:54	03/10/21 08:25
Tetrahydrofuran	< LOQ	50.00	ppm		03/08/21 09:54	03/10/21 08:25
Toluene	< LOQ	50.00	ppm		03/08/21 09:54	03/10/21 08:25
Xylenes	< LOQ	50.00	ppm		03/08/21 09:54	03/10/21 08:25

LCS(2111004-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	113	1000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Acetonitrile	116	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Benzene	116	1.000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
n-Butane	108	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Butanes	108	1000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
2-Butanol	114	1000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Cumene	127	35.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Cyclohexane	107	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Dichloromethane	111	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
1,4-Dioxane	121	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
2-Ethoxyethanol	123	80.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Ethyl acetate	112	1000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Ethyl benzene	126	35.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Ethylene glycol	120	310.0	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Ethylene oxide	107	25.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Ethyl ether	108	1000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Heptane	112	1000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
n-Hexane	109	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Hexanes	108	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
iso-Butane	108	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Isopropyl acetate	111	1000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
iso-Pentane	110	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Methanol	118	1000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
2-Methylpentane	112	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
3-Methylpentane	110	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53



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Quality Control Solvent Analysis (Continued)

Batch: 2111004 - 205 (Continued)

LCS(2111004-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
neo-Pentane	106	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
n-Pentane	108	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Pentanes	108	1000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Propane	106	1000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
2-Propanol (IPA)	117	1000	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Tetrahydrofuran	117	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53
Toluene	118	50.00	ppm	70-130	03/08/21 09:54	03/09/21 06:53



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