



### Greenhouse Headband

Sample ID: G1A0326-01      Matrix: Industrial Hemp

Test ID: 5013617

Source ID:

Date Sampled: 01/21/21      Date Accepted: 01/21/21

Harvest/Prod. Date: 10/21

**Amota Processing**

### Results at a Glance

Total THC : 0.16 %

Total CBD : 3.2 %

Total CBG : 4.1 %

Water Activity : 0.42    **PASS**

Percent Moisture : 5.73 %    **PASS**

Residual Solvent Analysis :    **PASS**



*Brittany Wiemer*

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Quality Officer - 1/26/2021

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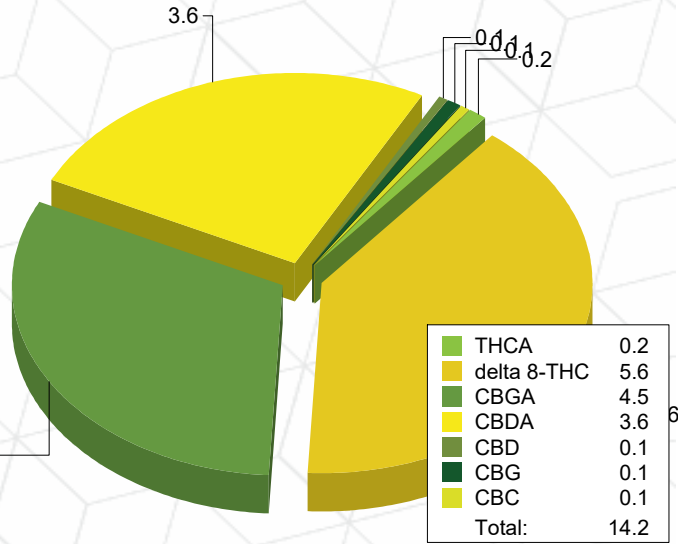
### Potency Analysis

Date/Time Extracted: 01/23/21 11:53

Analysis Method/SOP: 215

Batch Identification: 2104061

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.010	0.16	1.6		
Total CBD	0.002	3.2	32		
Total CBG	0.003	4.1	41		
THCA	0.003	0.18	1.8		
delta 9-THC	0.010	< LOQ	< LOQ		
delta 8-THC	0.019	5.6	56		
THCV	0.005	< LOQ	< LOQ		
THCVA	0.002	< LOQ	< LOQ		
CBD	0.002	0.066	0.66		
CBDA	0.002	3.6	36		
CBDV	0.005	< LOQ	< LOQ		
CBDVA	0.002	< LOQ	< LOQ		
CBN	0.003	< LOQ	< LOQ		
CBG	0.003	0.14	1.4		
CBGA	0.003	4.5	45		
CBC	0.010	0.064	0.64		



### Water Activity

Date/Time Extracted: 01/22/21 12:32

Analysis Method/SOP: 102

Water Activity: 0.42 at 24°C

Action Level: 0.65

### Moisture

Date/Time Extracted: 01/22/21 12:33

Analysis Method/SOP: 103

Moisture: 5.73 %

Action Level: 15%

Potency results are reported on a dry weight basis.

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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ACCREDITED  
LABORATORY

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Source ID:

Date Sampled: 01/21/21 Date Accepted: 01/21/21

Harvest/Prod. Date: 10/21

**Amota Processing**

### Residual Solvents

Date/Time Extracted: 01/23/21 08:06

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: 2104061 - 215-Hemp

Blank(2104061-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.012	%		01/23/21 11:53	01/23/21 18:06
delta 9-THC	< LOQ	0.036	%		01/23/21 11:53	01/23/21 18:06
THCV	< LOQ	0.020	%		01/23/21 11:53	01/23/21 18:06
THCVA	< LOQ	0.008	%		01/23/21 11:53	01/23/21 18:06
CBD	< LOQ	0.006	%		01/23/21 11:53	01/23/21 18:06
CBDA	< LOQ	0.008	%		01/23/21 11:53	01/23/21 18:06
CBDV	< LOQ	0.020	%		01/23/21 11:53	01/23/21 18:06
CBDVA	< LOQ	0.007	%		01/23/21 11:53	01/23/21 18:06
CBN	< LOQ	0.012	%		01/23/21 11:53	01/23/21 18:06
CBG	< LOQ	0.003	%		01/23/21 11:53	01/23/21 18:06
CBGA	< LOQ	0.003	%		01/23/21 11:53	01/23/21 18:06
CBC	< LOQ	0.036	%		01/23/21 11:53	01/23/21 18:06

Reference(2104061-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	97.6	0.003	%	80-120	01/23/21 11:53	01/23/21 18:29
delta 9-THC	90.4	0.009	%	80-120	01/23/21 11:53	01/23/21 18:29
CBD	94.6	0.002	%	80-120	01/23/21 11:53	01/23/21 18:29
CBDA	95.2	0.002	%	80-120	01/23/21 11:53	01/23/21 18:29

### Solvent Analysis

Batch: 2104052 - 205

Blank(2104052-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		01/23/21 08:06	01/23/21 21:33
Acetonitrile	< LOQ	50.00	ppm		01/23/21 08:06	01/23/21 21:33
Benzene	< LOQ	1.000	ppm		01/23/21 08:06	01/23/21 21:33
Butanes	< LOQ	1000	ppm		01/23/21 08:06	01/23/21 21:33
2-Butanol	< LOQ	1000	ppm		01/23/21 08:06	01/23/21 21:33
Cumene	< LOQ	35.00	ppm		01/23/21 08:06	01/23/21 21:33
Cyclohexane	< LOQ	50.00	ppm		01/23/21 08:06	01/23/21 21:33
Dichloromethane	< LOQ	50.00	ppm		01/23/21 08:06	01/23/21 21:33
1,4-Dioxane	< LOQ	50.00	ppm		01/23/21 08:06	01/23/21 21:33
2-Ethoxyethanol	< LOQ	80.00	ppm		01/23/21 08:06	01/23/21 21:33
Ethyl acetate	< LOQ	1000	ppm		01/23/21 08:06	01/23/21 21:33
Ethyl benzene	< LOQ	35.00	ppm		01/23/21 08:06	01/23/21 21:33
Ethylene glycol	< LOQ	310.0	ppm		01/23/21 08:06	01/23/21 21:33
Ethylene oxide	< LOQ	25.00	ppm		01/23/21 08:06	01/23/21 21:33
Ethyl ether	< LOQ	1000	ppm		01/23/21 08:06	01/23/21 21:33



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### Quality Control Solvent Analysis (Continued)

Batch: 2104052 - 205 (Continued)

Blank(2104052-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Heptane	< LOQ	1000	ppm		01/23/21 08:06	01/23/21 21:33
Hexanes	< LOQ	50.00	ppm		01/23/21 08:06	01/23/21 21:33
Isopropyl acetate	< LOQ	1000	ppm		01/23/21 08:06	01/23/21 21:33
Methanol	< LOQ	1000	ppm		01/23/21 08:06	01/23/21 21:33
Pentanes	< LOQ	1000	ppm		01/23/21 08:06	01/23/21 21:33
Propane	< LOQ	1000	ppm		01/23/21 08:06	01/23/21 21:33
2-Propanol (IPA)	< LOQ	1000	ppm		01/23/21 08:06	01/23/21 21:33
Tetrahydrofuran	< LOQ	50.00	ppm		01/23/21 08:06	01/23/21 21:33
Toluene	< LOQ	50.00	ppm		01/23/21 08:06	01/23/21 21:33
Xylenes	< LOQ	50.00	ppm		01/23/21 08:06	01/23/21 21:33

LCS(2104052-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	92.9	1000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Acetonitrile	104	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Benzene	106	1.000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
n-Butane	106	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Butanes	107	1000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
2-Butanol	97.8	1000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Cumene	88.9	35.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Cyclohexane	92.2	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Dichloromethane	102	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
1,4-Dioxane	94.1	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
2-Ethoxyethanol	98.3	80.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Ethyl acetate	97.6	1000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Ethyl benzene	88.1	35.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Ethylene glycol	81.6	310.0	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Ethylene oxide	102	25.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Ethyl ether	95.7	1000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Heptane	98.8	1000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
n-Hexane	95.8	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Hexanes	94.6	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
iso-Butane	107	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Isopropyl acetate	95.5	1000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
iso-Pentane	101	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Methanol	110	1000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
2-Methylpentane	105	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
3-Methylpentane	95.2	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
neo-Pentane	101	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57



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LCS(2104052-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
n-Pentane	106	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Pentanes	103	1000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Propane	112	1000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
2-Propanol (IPA)	103	1000	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Tetrahydrofuran	98.1	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57
Toluene	90.9	50.00	ppm	70-130	01/23/21 08:06	01/23/21 17:57

### Moisture Content

Batch: 2104045 - 103

Reference(2104045-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	109		%	80-120	01/22/21 12:33	01/22/21 12:33

Reference(2104045-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	110		%	80-120	01/22/21 12:33	01/22/21 12:33



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