



D8 Gummies

Sample ID: G1G0462-01

Matrix: Hemp Products

Test ID: 5014284

Source ID:

Date Sampled: 07/28/21

Date Accepted: 07/28/21

RDSP Farms

Results at a Glance

Total THC : <LOQ (0.0153%) %

Total CBD : <LOQ (0.0159%) %

delta 8-THC : 0.5488 % PASS

Residual Solvent Analysis : PASS



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LABORATORY**

Eric Wendt
Chief Science Officer - 8/2/2021

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Matrix: Hemp Products

Test ID: 5014284

Source ID:

Date Sampled: 07/28/21

Date Accepted: 07/28/21

RDSP Farms

Potency Analysis

Date/Time Extracted: 07/30/21 10:06

Analysis Method/SOP: 215

Batch Identification: 2131052

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0153	< LOQ	< LOQ	<p>delta 8-THC 0.5 Total: 0.5</p>
Total CBD	0.0159	< LOQ	< LOQ	
THCA	0.0221	< LOQ	< LOQ	
delta 9-THC	0.0153	< LOQ	< LOQ	
delta 8-THC	0.0192	0.5488	5.488	
THCV	0.0150	< LOQ	< LOQ	
THCVA	0.0224	< LOQ	< LOQ	
CBD	0.0159	< LOQ	< LOQ	
CBDA	0.0220	< LOQ	< LOQ	
CBDV	0.0154	< LOQ	< LOQ	
CBDVA	0.0212	< LOQ	< LOQ	
CBN	0.0138	< LOQ	< LOQ	
CBG	0.0161	< LOQ	< LOQ	
CBGA	0.0213	< LOQ	< LOQ	
CBC	0.0202	< LOQ	< LOQ	

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 Products

Test ID: 5014284

Source ID:

Date Sampled: 07/28/21

Date Accepted: 07/28/21

RDSP Farms

Residual Solvents

Date/Time Extracted: 07/29/21 12:51

Analysis Method/SOP: 205

Analyte	Result	Action Level	LOD	LOQ	Units	Notes
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: 2131052 - 215-Products

Blank(2131052-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analized	Notes
THCA	< LOQ	0.1764	%		07/30/21 10:06	07/30/21 22:03	
delta 9-THC	< LOQ	0.1222	%		07/30/21 10:06	07/30/21 22:03	
THCV	< LOQ	0.1198	%		07/30/21 10:06	07/30/21 22:03	
THCVA	< LOQ	0.1794	%		07/30/21 10:06	07/30/21 22:03	
CBD	< LOQ	0.1274	%		07/30/21 10:06	07/30/21 22:03	
CBDA	< LOQ	0.1757	%		07/30/21 10:06	07/30/21 22:03	
CBDV	< LOQ	0.1233	%		07/30/21 10:06	07/30/21 22:03	
CBDVA	< LOQ	0.1694	%		07/30/21 10:06	07/30/21 22:03	
CBN	< LOQ	0.1107	%		07/30/21 10:06	07/30/21 22:03	
CBG	< LOQ	0.1288	%		07/30/21 10:06	07/30/21 22:03	
CBGA	< LOQ	0.1707	%		07/30/21 10:06	07/30/21 22:03	
CBC	< LOQ	0.1616	%		07/30/21 10:06	07/30/21 22:03	

Reference(2131052-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analized	Notes
delta 9-THC	95.9	0.0153	%	80-120	07/30/21 10:06	07/30/21 22:26	
CBD	105	0.0159	%	80-120	07/30/21 10:06	07/30/21 22:26	

Solvent Analysis

Batch: 2131047 - 205

Blank(2131047-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analized	Notes
Acetone	< LOQ	1000	ppm		07/29/21 12:51	07/29/21 20:01	
Acetonitrile	< LOQ	50.00	ppm		07/29/21 12:51	07/29/21 20:01	
Benzene	< LOQ	1.000	ppm		07/29/21 12:51	07/29/21 20:01	
Butanes	< LOQ	1000	ppm		07/29/21 12:51	07/29/21 20:01	
2-Butanol	< LOQ	1000	ppm		07/29/21 12:51	07/29/21 20:01	
Cumene	< LOQ	35.00	ppm		07/29/21 12:51	07/29/21 20:01	
Cyclohexane	< LOQ	50.00	ppm		07/29/21 12:51	07/29/21 20:01	
Dichloromethane	< LOQ	50.00	ppm		07/29/21 12:51	07/29/21 20:01	
1,4-Dioxane	< LOQ	50.00	ppm		07/29/21 12:51	07/29/21 20:01	
2-Ethoxyethanol	< LOQ	80.00	ppm		07/29/21 12:51	07/29/21 20:01	
Ethyl acetate	< LOQ	1000	ppm		07/29/21 12:51	07/29/21 20:01	
Ethyl benzene	< LOQ	35.00	ppm		07/29/21 12:51	07/29/21 20:01	
Ethylene glycol	< LOQ	310.0	ppm		07/29/21 12:51	07/29/21 20:01	
Ethylene oxide	< LOQ	25.00	ppm		07/29/21 12:51	07/29/21 20:01	
Ethyl ether	< LOQ	1000	ppm		07/29/21 12:51	07/29/21 20:01	
Heptane	< LOQ	1000	ppm		07/29/21 12:51	07/29/21 20:01	
Hexanes	< LOQ	50.00	ppm		07/29/21 12:51	07/29/21 20:01	



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Quality Control Solvent Analysis (Continued)

Batch: 2131047 - 205 (Continued)

Blank(2131047-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Isopropyl acetate	< LOQ	1000	ppm		07/29/21 12:51	07/29/21 20:01	
Methanol	< LOQ	1000	ppm		07/29/21 12:51	07/29/21 20:01	
Pentanes	< LOQ	1000	ppm		07/29/21 12:51	07/29/21 20:01	
Propane	< LOQ	1000	ppm		07/29/21 12:51	07/29/21 20:01	
2-Propanol (IPA)	< LOQ	1000	ppm		07/29/21 12:51	07/29/21 20:01	
Tetrahydrofuran	< LOQ	50.00	ppm		07/29/21 12:51	07/29/21 20:01	
Toluene	< LOQ	50.00	ppm		07/29/21 12:51	07/29/21 20:01	
Xylenes	< LOQ	50.00	ppm		07/29/21 12:51	07/29/21 20:01	

LCS(2131047-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	86.5	1000	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Acetonitrile	87.5	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Benzene	98.1	1.000	ppm	66.6-119	07/29/21 12:51	07/29/21 17:26	
n-Butane	81.4	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Butanes	80.9	1000	ppm	55-130	07/29/21 12:51	07/29/21 17:26	
2-Butanol	87.8	1000	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Cumene	87.9	35.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Cyclohexane	89.3	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Dichloromethane	89.5	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
1,4-Dioxane	93.4	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
2-Ethoxyethanol	88.1	80.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Ethyl acetate	89.2	1000	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Ethyl benzene	90.2	35.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Ethylene glycol	108	310.0	ppm	60.3-146	07/29/21 12:51	07/29/21 17:26	
Ethylene oxide	85.1	25.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Ethyl ether	87.8	1000	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Heptane	85.4	1000	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
n-Hexane	86.7	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Hexanes	87.3	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
iso-Butane	80.4	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Isopropyl acetate	89.1	1000	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
iso-Pentane	83.3	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Methanol	84.6	1000	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
2-Methylpentane	87.2	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
3-Methylpentane	86.3	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
neo-Pentane	85.9	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
n-Pentane	85.9	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Pentanes	85.0	1000	ppm	70-130	07/29/21 12:51	07/29/21 17:26	



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Quality Control Solvent Analysis (Continued)

Batch: 2131047 - 205 (Continued)

LCS(2131047-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Propane	72.2	1000	ppm	42-130	07/29/21 12:51	07/29/21 17:26	
2-Propanol (IPA)	99.4	1000	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Tetrahydrofuran	85.7	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	
Toluene	91.8	50.00	ppm	70-130	07/29/21 12:51	07/29/21 17:26	



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Notes and Definitions

- ATM Non-cannabis matrix related interference or suppression of Internal standard
- BLI 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 manually for all samples.
- C Interference due to co-elution
- 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 recovery accuracy in Matrix Spike.
- TPP
- U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
Internal Standard concentration outside control limit due to matrix interference



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