



CBD

Sample ID: G2C0427-04

Matrix: Industrial Hemp

Test ID: 5022117

Source ID:

Date Sampled: 03/23/22

Date Accepted: 03/23/22

RDSP Farms

541-840-5503

Results at a Glance

Total THC : 0.15 %

Total CBD : 1.3 %

Total CBG : 7.5 %

Percent Moisture : 10.5 % **PASS**



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 3/30/2022

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Sample ID: G2C0427-04

Matrix: Industrial Hemp

Test ID: 5022117

Source ID:

Date Sampled: 03/23/22

Date Accepted: 03/23/22

RDSP Farms

541-840-5503

Potency Analysis

Date/Time Extracted: 03/25/22 08:30

Analysis Method/SOP: 215

Batch Identification: 2213044

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.010	0.15	1.5		
Total CBD	0.002	1.3	13		
Total CBG	0.004	7.5	75		
THCA	0.0006	0.12	1.2		
delta 9-THC	0.0006	0.048	0.48		
delta 8-THC	0.005	< LOQ	< LOQ		
THCV	0.006	< LOQ	< LOQ		
THCVA	0.002	< LOQ	< LOQ		
CBD	0.0006	0.044	0.44		
CBDA	0.0006	1.4	14		
CBDV	0.006	< LOQ	< LOQ		
CBDVA	0.002	0.94	9.4		
CBN	0.003	< LOQ	< LOQ		
CBG	0.004	0.25	2.5		
CBGA	0.004	8.2	82		
CBC	0.010	0.10	1		

Moisture

Date/Time Extracted: 03/29/22 15:11

Analysis Method/SOP: 103

Moisture: 10.5 %

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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Quality Control Potency

Batch: 2213044 - 215-Hemp

Blank(2213044-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		03/25/22 08:30	03/26/22 13:43	
delta 9-THC	< LOQ	0.0005	%		03/25/22 08:30	03/26/22 13:43	
delta 8-THC	< LOQ	0.004	%		03/25/22 08:30	03/26/22 13:43	
THCV	< LOQ	0.005	%		03/25/22 08:30	03/26/22 13:43	
THCVA	< LOQ	0.002	%		03/25/22 08:30	03/26/22 13:43	
CBD	< LOQ	0.0005	%		03/25/22 08:30	03/26/22 13:43	
CBDA	< LOQ	0.0005	%		03/25/22 08:30	03/26/22 13:43	
CBDV	< LOQ	0.005	%		03/25/22 08:30	03/26/22 13:43	
CBDVA	< LOQ	0.002	%		03/25/22 08:30	03/26/22 13:43	
CBN	< LOQ	0.003	%		03/25/22 08:30	03/26/22 13:43	
CBG	< LOQ	0.0008	%		03/25/22 08:30	03/26/22 13:43	
CBGA	< LOQ	0.0008	%		03/25/22 08:30	03/26/22 13:43	
CBC	< LOQ	0.009	%		03/25/22 08:30	03/26/22 13:43	

Reference(2213044-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.8	0.0005	%	80-120	03/25/22 08:30	03/26/22 14:06	
delta 9-THC	90.2	0.0005	%	80-120	03/25/22 08:30	03/26/22 14:06	
CBD	85.6	0.0005	%	80-120	03/25/22 08:30	03/26/22 14:06	
CBDA	95.4	0.0005	%	80-120	03/25/22 08:30	03/26/22 14:06	

Moisture Content

Batch: 2214012 - 103

Reference(2214012-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	107		%	80-120	03/29/22 15:11	03/29/22 15:11	

Reference(2214012-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	106		%	80-120	03/29/22 15:11	03/29/22 15:11	



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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117.
Quality Control samples were tested as received.

- 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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