



Hemp Derived Breadstix Live Rosin

Sample ID: G3H0287-02 Matrix: Hemp Extracts & Concentrates

Test ID: 5023064

Source ID:

Date Sampled: 08/16/23 Date Accepted: 08/16/23

IJS Farm Inc.
(800) 213-7064

Results at a Glance

Total CBD : <LOQ (0.0431%) %



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 8/21/2023



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Potency Analysis by HPLC

Date/Time Extracted: 08/18/23 11:29 Analysis Method/SOP: 215 Batch Identification: 2333079

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total CBD	0.0431	< LOQ	< LOQ	<p>64.0 4.9 0.2 Total: 69.1</p>
THCA	0.0005	63.98	639.8	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	< LOQ	< LOQ	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	4.870	48.7	
CBC	0.0186	0.2313	2.313	
Total Cannabinoids		69.08	690.8	

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: 2333079 - 215-Concentrates

Blank(2333079-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		08/18/23 11:29	08/18/23 17:10	
delta 9-THC	< LOQ	0.0005	%		08/18/23 11:29	08/18/23 17:10	
delta 8-THC	< LOQ	0.0934	%		08/18/23 11:29	08/18/23 17:10	
THCV	< LOQ	0.1052	%		08/18/23 11:29	08/18/23 17:10	
THCVA	< LOQ	0.0392	%		08/18/23 11:29	08/18/23 17:10	
CBD	< LOQ	0.0005	%		08/18/23 11:29	08/18/23 17:10	
CBDA	< LOQ	0.0005	%		08/18/23 11:29	08/18/23 17:10	
CBDV	< LOQ	0.1040	%		08/18/23 11:29	08/18/23 17:10	
CBDVA	< LOQ	0.0341	%		08/18/23 11:29	08/18/23 17:10	
CBN	< LOQ	0.0622	%		08/18/23 11:29	08/18/23 17:10	
CBG	< LOQ	0.0164	%		08/18/23 11:29	08/18/23 17:10	
CBGA	< LOQ	0.0164	%		08/18/23 11:29	08/18/23 17:10	
CBC	< LOQ	0.0186	%		08/18/23 11:29	08/18/23 17:10	

Reference(2333079-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	108	0.0002	%	90-110	08/18/23 11:29	08/18/23 17:32	
delta 9-THC	105	0.0002	%	90-110	08/18/23 11:29	08/18/23 17:32	
delta 8-THC	91.7	0.0450	%	90-110	08/18/23 11:29	08/18/23 17:32	
CBD	98.9	0.0002	%	90-110	08/18/23 11:29	08/18/23 17:32	
CBDA	98.3	0.0002	%	90-110	08/18/23 11:29	08/18/23 17:32	



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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. Results do not include uncertainty of measurements. Available upon request.

- 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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