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#### **Hemp Derived Sour OG Live Rosin**

Sample ID: G4B0279-07

Matrix: Hemp Extracts & Concentrates

Test ID: 5023947 Source ID:

**Date Sampled: 02/16/24** 

Date Accepted: 02/16/24

IJS Farm Inc. (800) 213-7064

#### **Results at a Glance**

Total THC: 65.36 %

Total CBD: <LOQ (0.0431%) %

THCA: 74.21 % PASS



Patrick Hermonson
Quality Officer - 2/22/2024



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#### Potency Analysis

Analysis Method/SOP: 215 Date/Time Extracted: 02/20/24 12:09 Batch Identification: 2408023 **Cannabinoids Profile** Cannabinoids % by Wt. LOQ (%) mg/g **Total THC** 0.0005 65.36 653.6 Total CBD 0.0431 < LOQ < LOQ 0.3 -3.4 **0**.3 THCA 0.0005 74.21 742.1 delta 9-THC 0.0005 0.2735 2.735 delta 8-THC < LOQ 0.0934 < LOQ THCV 0.1052 < LOQ < LOQ **THCVA** 0.0392 0.3041 3.041 CBD 0.0005 < LOQ < LOQ **CBDA** 0.0005 < LOQ < LOQ THCA 74.2 **CBDV** 0.1040 < LOQ < LOQ delta 9-THC 0.3 **CBGA** 3.4 **CBDVA** 0.0341 < LOQ < LOQ CBG 0.1 THCVA 0.3 **CBN** 0.0622 < LOQ < LOQ Total: 78.3 CBG 0.0164 0.0700 0.7 **CBGA** 0.0164 3.397 33.97 74.2 CBC 0.0186 < LOQ < LOQ 78.25 782.5 **Total Cannabinoids** 

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.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



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### **Quality Control Potency**

Batch: 2408023 - 215-Concentrates

Blank(2408023-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		02/20/24 12:09	02/20/24 22:29	
delta 9-THC	< LOQ	0.0005	%		02/20/24 12:09	02/20/24 22:29	
delta 8-THC	< LOQ	0.0934	%		02/20/24 12:09	02/20/24 22:29	
THCV	< LOQ	0.1052	%		02/20/24 12:09	02/20/24 22:29	
THCVA	< LOQ	0.0392	%		02/20/24 12:09	02/20/24 22:29	
CBD	< LOQ	0.0005	%		02/20/24 12:09	02/20/24 22:29	
CBDA	< LOQ	0.0005	%		02/20/24 12:09	02/20/24 22:29	
CBDV	< LOQ	0.1040	%		02/20/24 12:09	02/20/24 22:29	
CBDVA	< LOQ	0.0341	%		02/20/24 12:09	02/20/24 22:29	
CBN	< LOQ	0.0622	%		02/20/24 12:09	02/20/24 22:29	
CBG	< LOQ	0.0164	%		02/20/24 12:09	02/20/24 22:29	
CBGA	< LOQ	0.0164	%		02/20/24 12:09	02/20/24 22:29	
CBC	< LOQ	0.0186	%		02/20/24 12:09	02/20/24 22:29	

Reference(2408023-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	96.4	0.0002	%	90-110	02/20/24 12:09	02/20/24 22:52	
delta 9-THC	94.8	0.0002	%	90-110	02/20/24 12:09	02/20/24 22:52	
delta 8-THC	92.8	0.0455	%	90-110	02/20/24 12:09	02/20/24 22:52	
CBD	103	0.0002	%	90-110	02/20/24 12:09	02/20/24 22:52	
CBDA	98.0	0.0002	%	90-110	02/20/24 12:09	02/20/24 22:52	



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### **Notes and Definitions**

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 and following Sampling Plan FN117. Quality Control samples were tested as received.

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

A T B 4	A1			Indiana Indiana Indiana
ATM	Non-cannabis matrix	related interierence o	r 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

C manually for all samples.

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

TPP recovery accuracy in Matrix Spike.

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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