



### Grapenana Hemp Live Rosin

Sample ID: G3E0056-03 Matrix: Hemp Extracts & Concentrates

Test ID: 5028870

Source ID:

Date Sampled: 05/03/23 Date Accepted: 05/03/23

**IJS Farm Inc.**  
(800) 213-7064

#### Results at a Glance

Potency Analysis : **PASS**



Patrick Hermonson  
Chemist - 6/23/2023



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### Potency Analysis by HPLC

Date/Time Extracted: 05/05/23 09:27 Analysis Method/SOP: 215 Batch Identification: 2318061

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
THCA	0.0005	76.18	761.8	<p>76.2 2.4 1.4 80.0</p>
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	1.367	13.67	
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	2.444	24.44	
CBC	0.0186	< LOQ	< LOQ	
<b>Total Cannabinoids</b>		79.99	799.9	

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: 2318061 - 215-Concentrates

Blank(2318061-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		05/05/23 09:27	05/05/23 17:41	
delta 9-THC	< LOQ	0.0005	%		05/05/23 09:27	05/05/23 17:41	
delta 8-THC	< LOQ	0.0934	%		05/05/23 09:27	05/05/23 17:41	
THCV	< LOQ	0.1052	%		05/05/23 09:27	05/05/23 17:41	
THCVA	< LOQ	0.0392	%		05/05/23 09:27	05/05/23 17:41	
CBD	< LOQ	0.0005	%		05/05/23 09:27	05/05/23 17:41	
CBDA	< LOQ	0.0005	%		05/05/23 09:27	05/05/23 17:41	
CBDV	< LOQ	0.1040	%		05/05/23 09:27	05/05/23 17:41	
CBDVA	< LOQ	0.0341	%		05/05/23 09:27	05/05/23 17:41	
CBN	< LOQ	0.0622	%		05/05/23 09:27	05/05/23 17:41	
CBG	< LOQ	0.0164	%		05/05/23 09:27	05/05/23 17:41	
CBGA	< LOQ	0.0164	%		05/05/23 09:27	05/05/23 17:41	
CBC	< LOQ	0.0186	%		05/05/23 09:27	05/05/23 17:41	

Reference(2318061-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	90.0	0.00024	%	90-110	05/05/23 09:27	05/05/23 18:04	
delta 9-THC	98.4	0.00024	%	90-110	05/05/23 09:27	05/05/23 18:04	
delta 8-THC	93.2	0.0455	%	90-110	05/05/23 09:27	05/05/23 18:04	
CBD	103	0.00024	%	90-110	05/05/23 09:27	05/05/23 18:04	
CBDA	91.6	0.00024	%	90-110	05/05/23 09:27	05/05/23 18:04	



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### Ammended Report Explanation

Sample name updated from "Sherbert 90u" to "Sherbert Hemp Live Rosin" per client request. This revised COA replaces COA issued 05.08.2023. - JI 06.23.2023  
Sample name updated from Jelly 70u" to "Jelly Hemp Live Rosin" per client request. This revised COA replaces COA issued 05.08.2023. - JI 06.23.2023  
Sample name updated from "Grapenana" to "Grapenana Hemp Live Rosin" per client request. This revised COA replaces COA issued 05.08.2023. - JI 06.23.2023

### 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 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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