



### D8 - 011224

Sample ID: G4A0196-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5026472

Source ID:

Date Sampled: 01/22/24

Date Accepted: 01/22/24

**Cultivar Oregon**  
Vapes & Concentrates

### Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : <LOQ (0.0448%) %

delta 8-THC : 91.04 % PASS



**ISO 17025**  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 1/24/2024



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**Cultivar Oregon**

### Potency Analysis

Date/Time Extracted: 01/22/24 17:06

Analysis Method/SOP: 215

Batch Identification: 2404030

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile								
Total THC	0.0005	< LOQ	< LOQ	<table border="1"> <tr><td>delta 8-THC</td><td>91.0</td></tr> <tr><td>CBN</td><td>0.5</td></tr> <tr><td>CBC</td><td>0.8</td></tr> <tr><td>Total:</td><td>92.3</td></tr> </table>	delta 8-THC	91.0	CBN	0.5	CBC	0.8	Total:	92.3
delta 8-THC	91.0											
CBN	0.5											
CBC	0.8											
Total:	92.3											
Total CBD	0.0448	< LOQ	< LOQ									
THCA	0.0005	< LOQ	< LOQ									
delta 9-THC	0.0005	< LOQ	< LOQ									
delta 8-THC	0.0970	91.04	910.4									
THCV	0.1092	< LOQ	< LOQ									
THCVA	0.0407	< LOQ	< LOQ									
CBD	0.0005	< LOQ	< LOQ									
CBDA	0.0005	< LOQ	< LOQ									
CBDV	0.1080	< LOQ	< LOQ									
CBDVA	0.0354	< LOQ	< LOQ									
CBN	0.0646	0.4731	4.731									
CBG	0.0170	< LOQ	< LOQ									
CBGA	0.0170	< LOQ	< LOQ									
CBC	0.0194	0.8085	8.085									
<b>Total Cannabinoids</b>		<b>92.33</b>	<b>923.3</b>									

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: 2404030 - 215-Concentrates

Blank(2404030-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		01/22/24 17:06	01/24/24 00:43	
delta 9-THC	< LOQ	0.0005	%		01/22/24 17:06	01/24/24 00:43	
delta 8-THC	< LOQ	0.0934	%		01/22/24 17:06	01/24/24 00:43	
THCV	< LOQ	0.1052	%		01/22/24 17:06	01/24/24 00:43	
THCVA	< LOQ	0.0392	%		01/22/24 17:06	01/24/24 00:43	
CBD	< LOQ	0.0005	%		01/22/24 17:06	01/24/24 00:43	
CBDA	< LOQ	0.0005	%		01/22/24 17:06	01/24/24 00:43	
CBDV	< LOQ	0.1040	%		01/22/24 17:06	01/24/24 00:43	
CBDVA	< LOQ	0.0341	%		01/22/24 17:06	01/24/24 00:43	
CBN	< LOQ	0.0622	%		01/22/24 17:06	01/24/24 00:43	
CBG	< LOQ	0.0164	%		01/22/24 17:06	01/24/24 00:43	
CBGA	< LOQ	0.0164	%		01/22/24 17:06	01/24/24 00:43	
CBC	< LOQ	0.0186	%		01/22/24 17:06	01/24/24 00:43	

Reference(2404030-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.0	0.00024	%	90-110	01/22/24 17:06	01/24/24 01:06	
delta 9-THC	91.2	0.00024	%	90-110	01/22/24 17:06	01/24/24 01:06	
delta 8-THC	92.3	0.0457	%	90-110	01/22/24 17:06	01/24/24 01:06	
CBD	93.7	0.00024	%	90-110	01/22/24 17:06	01/24/24 01:06	
CBDA	94.4	0.00024	%	90-110	01/22/24 17:06	01/24/24 01:06	



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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.

- 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.
- 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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