

## MC Pure Raw FD

Lab ID: 2201290-02

**ACT 1 ESSENTIALS**

330-1045887IHH

Harvest / Process Lot: WCF.Lifter.19.SHHW.21.L30

METRC Batch ID:

METRC Sample Tag: WCF.Lifter.19.SHHW.21.L30

Date Sampled: 01/27/22

Date Printed: 01/28/22

## Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 -  
SOP 102 - Cannabinoids via High Performance Liquid Chromatography

Cannabinoids	mg/60g unit	LOQ
THCA	16.6	2.98
delta 9-THC	58.3	2.98
delta 8-THC	5.66	2.98
CBDA	2140	2.98
CBDVA	15.4	2.98
CBGA	31.9	2.98
CBD	623	2.98
CBDV	8.85	2.98
CBG	32.6	2.98
CBN	6.18	2.98
CBC	58.9	2.98
Total CBG	60.6	2.98
Total Cannabinoids	2730	2.98

**Total THC**  
**0.121 %**

**Total CBD**  
**2500 mg/60g**  
unit

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO2. Result = \*bioactive\*

"Total" Cannabinoid accounts for decarboxylation and moisture content. Total THC = [(THCA\*0.877) + Δ9THC] / (100%-MC)



**Erik Werstler**  
Lab Director

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## Quality Control Potency

Batch: B22A139 - Potency

### Blank(B22A139-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	2.97	mg/60g unit		01/27/22 15:47	01/27/22 17:55	
delta 9-THC	< LOQ	2.97	mg/60g unit		01/27/22 15:47	01/27/22 17:55	
CBGA	< LOQ	2.97	mg/60g unit		01/27/22 15:47	01/27/22 17:55	
CBDA	< LOQ	2.97	mg/60g unit		01/27/22 15:47	01/27/22 17:55	
CBD	< LOQ	2.97	mg/60g unit		01/27/22 15:47	01/27/22 17:55	
CBN	< LOQ	2.97	mg/60g unit		01/27/22 15:47	01/27/22 17:55	
CBG	< LOQ	2.97	mg/60g unit		01/27/22 15:47	01/27/22 17:55	
delta 8-THC	< LOQ	2.97	mg/60g unit		01/27/22 15:47	01/27/22 17:55	
CBC	< LOQ	2.97	mg/60g unit		01/27/22 15:47	01/27/22 17:55	
CBDVA	< LOQ	2.97	mg/60g unit		01/27/22 15:47	01/27/22 17:55	
CBDV	< LOQ	2.97	mg/60g unit		01/27/22 15:47	01/27/22 17:55	

### LCS(B22A139-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.9	3.05	mg/60g unit	85-115	01/27/22 15:47	01/27/22 18:11	
delta 9-THC	102	3.05	mg/60g unit	85-115	01/27/22 15:47	01/27/22 18:11	
CBDA	101	3.05	mg/60g unit	85-115	01/27/22 15:47	01/27/22 18:11	
CBD	102	3.05	mg/60g unit	85-115	01/27/22 15:47	01/27/22 18:11	
delta 8-THC	106	3.05	mg/60g unit	85-115	01/27/22 15:47	01/27/22 18:11	



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#### Notes and Definitions

- B Analyte detected in method blank, but not associated samples.
  - B2 Analyte detected in sample and associate method blank.
  - C Interference due to co-elution.
  - D Initial result exceeded calibration range, reported data are based on analysis of a dilution.
  - H Non-homogenous sample matrix affecting RPD and/or QC.
  - I Manual Integration was performed.
  - L Duplicate sample relative percent difference (RPD) exceeds QC limits.
  - M Anomalous results due to matrix interference
  - P Peaks manually split.
  - Q1 QC out of limits but still ok
  - Q2 Quality Control outside QC limits. Data considered estimate.
  - Q3 CCV was above the acceptance criteria. Non-detect samples are considered acceptable.
  - Q4 CCV was below the acceptance criteria, however the sample still exceeds the regulatory limit.
  - R Marginal Exceedence.
  - U Reported result is an estimate. The analyte was detected above the calibration range.
  - X Problems with initial analysis, reported data are from reinjection of prepared sample.
- <LOQ - Results below the Limit of Quantitation - Compound not detected



**Erik Werstler**  
Lab Director