

Sample Received: 7/30/2019 Report Date: 8/1/2019 Report: 07-30-00030

FR-EMP

Potency Analysis Report

Sample: **10245-C CONCENTRATES**

Item Notes:

METRC No. **1A400031268755B000011961**

Batch: FR-EMP.072919

CANNABINOID LEVELS

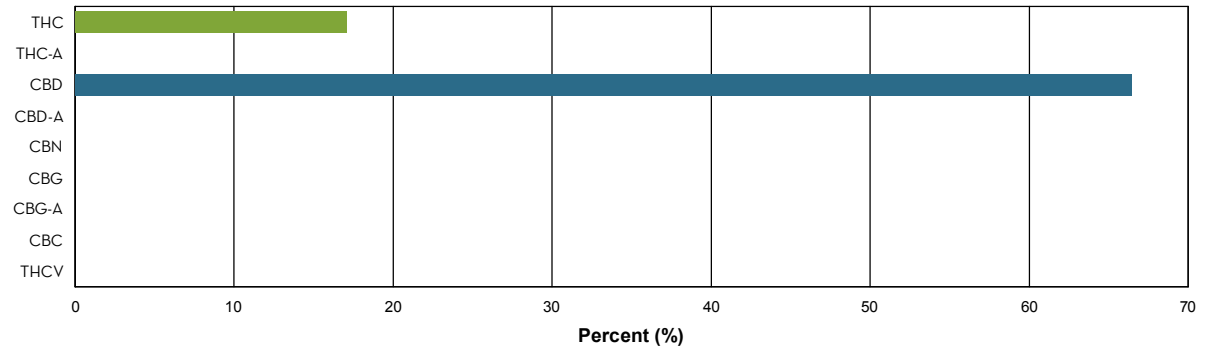
	%	mg/gram
THC	17.08	170.79
THC-A	N/D	N/D
CBD	66.45	664.49
CBD-A	N/D	N/D
CBN	< LLOQ	< LLOQ
CBG	< LLOQ	< LLOQ
CBG-A	N/D	N/D
CBC	< LLOQ	< LLOQ
THCV	< LLOQ	< LLOQ
Total	83.53	835.29

TOTAL THC*: 17.08 %

THC + THC-A*: % by weight

TOTAL CBD*: 66.45 %

CBD + CBD-A*: % by weight



ADDITIONAL INFORMATION

**THC Conversion 100.00%

**CBD Conversion 100.00%

*Total THC is calculated using the equation $THC + (THC-A \cdot 0.877)$. This formula accounts for the weight lost by THC-A when it is decarboxylated to become active THC. The same formula is used to determine Total CBD.

**THC/CBD Conversion indicates the percentage of total cannabinoid that was already converted to active cannabinoid at the time of testing. 100% indicates that all cannabinoid present was in the active, decarboxylated form at the time of testing.

Homogeneity is determined by the relative standard deviation (%RSD) of four replicates. The product passes for homogeneity if the %RSD of the four replicates is less than 15%.

N/D = Not Detected. The level of analyte was below the detection threshold for this test.

LLOQ = Lower Limit of Quantitation. <LLOQ signifies that the analyte was detected at a concentration below the calibrated range of the method and could not be accurately measured.

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FR-EMP

Residual Solvents Analysis Report

METRC No. **1A400031268755B000011961**

Sample: **10245-C CONCENTRATES**

Batch: FR-EMP.072919

Item Notes:

Measured Concentration in Parts Per Million (PPM) by GC Analysis

Residual Solvents	Total Butanes ¹	Propane	Pentane	Ethanol	Acetone	IPA	Hexane	Benzene	Heptane	Toluene	Total Xylenes ²
RESULT	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D
LLOQ	64.75	49.25	250.40	212.44	212.46	189.25	13.43	0.9198	213.24	34.68	89.99
ULOQ	3885	2955	7512	6373	4374	5678	403	14	6397	1040	2700
Permissible Limit	1000	1000	1000	1000	1000	1000	60	2	1000	180	430
% of Limit	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

N/D = Not Detected. The level of analyte was below the detection threshold for this test.

LLOQ = Lower Limit of Quantitation. <LLOQ signifies that the analyte was detected at a concentration below the calibrated range of the method and could not be accurately measured

ULOQ = Upper Limit of Quantitation. >ULOQ signifies that the analyte was detected at a concentration above the calibrated range of the method and could not be accurately measured.

Permissible Limit = The concentration of the analyte in cannabis that is deemed acceptable by the State of Colorado. Samples that contain any analytes at concentrations above the permissible limits shall be considered to have failed testing.

1: Mixture of iso-butane and n-butane

2: Mixture of m/p-Xylene and o-Xylene

PASS