



Product Development (R&D)

Report Published: 05/26/2023



Sample Description: Tranquility	
Batch ID: Tranquility001	Lot ID: 050323
Sample ID: 19-2305-02	Sampling Method: SOP-SMPL-002
Sample Type: Infused Product	Sampling Date: 05/09/2023

Results Summary

Potency

TESTED

Date Analyzed: 05/26/2023

Method Used:
SOP-CANN-001

Potency

Date Analyzed: 05/26/2023
Instrument: Agilent 1260 HPLC

Date Completed: 05/26/2023
Lab Tech: Landen Nickel

Moisture Content (%): None
Unit Size (g): .2

Cannabinoid	Result (%)	Result (mg/g)	Result (mg/unit)	Result (mg/package)	LOD (%)	LOQ (%)	Relative Abundance
CBDVA	ND	ND	ND	ND	0.045	0.091	
CBDV	ND	ND	ND	ND	0.045	0.091	
CBDA	ND	ND	ND	ND	0.045	0.091	
CBD	5.530	55.301	11.060	3318.090	0.045	0.091	<div style="width: 100%; height: 10px; background-color: green;"></div>
THCVA	ND	ND	ND	ND	0.045	0.091	
THCV	ND	ND	ND	ND	0.045	0.091	
THCA	ND	ND	ND	ND	0.045	0.091	
Δ9 THC	ND	ND	ND	ND	0.045	0.091	
Δ8 THC	ND	ND	ND	ND	0.045	0.091	
CBN	ND	ND	ND	ND	0.045	0.091	
CBCA	ND	ND	ND	ND	0.045	0.091	
CBC	ND	ND	ND	ND	0.045	0.091	
CBGA	ND	ND	ND	ND	0.045	0.091	
CBG	0.640	6.399	1.280	383.952	0.045	0.091	<div style="width: 5%; height: 10px; background-color: green;"></div>
Total THC	ND	ND	ND	ND			
Total CBD	5.530	55.301	11.060	3318.090			
Total Cannabinoids	6.170	61.700	12.340	3702.030			

Total THC % = THC% + (THCA% x 0.877)

Total CBD % = CBD% + (CBDA% x 0.877)

Total Cannabinoids = Sum of all cannabinoids without THC/CBD corrections.

LOD = Limit of Detection; **LOQ =** Limit of Quantitation; **ND =** Not Detected.

The reported result for each analyte includes a moisture content correction equal to: Base% / (1 - Moisture%)

Relative Abundance represents the percentage of each analyte compared with the total cannabinoid content.

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