

SLH

Sample ID: BIA240903S0006
 Strain: Super Lemon Haze

 Produced:
 Collected:
 Received: 09/03/2024
 Completed: 09/06/2024
 Batch#: LOT 9

 Client
Mr Tree
 Lic. # SCLT 00225
 57 Commerce AVE
 South Burlington, VT 05403

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 7.27 g
 Lot#:


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	09/05/2024	Complete
Moisture	09/04/2024	12.60% - Complete
Water Activity	09/04/2024	0.622 aw - Complete
Terpenes	09/05/2024	Complete

Cannabinoids

Completed

28.48% Total THC	0.08% Total CBD	34.42% Total Cannabinoids
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Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBDVa	0.0005	<LOQ	<LOQ	
CBDV	0.0012	<LOQ	<LOQ	
CBDa	0.0008	0.09	0.9	
CBGa	0.0008	2.06	20.6	
CBG	0.0019	<LOQ	<LOQ	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	1.39	13.9	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	<LOQ	<LOQ	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	30.88	308.8	
Total THC		28.48	284.78	
Total CBD		0.08	0.79	
Total		34.42	344.22	0.00

Analyst: 052

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.




 Luke Emerson-Mason
 Laboratory Director
 09/06/2024

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coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com
