



Certificate of Analysis

Company: Return to our Roots Farm Sample ID: Kush Cake #10 x Grandpa Cookies #6

Lot: SCLT0254-032 **Report Date:** 11/27/2023

Matrix: Flower Date Analyzed: 11/22/2023

Customer ID: 231106-0 Date Sampled: N/A Analyst: 011

Grower License #: SCLT0254 Date Received: 11/7/2023 Report ID: C231107AO

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDV	0.0012	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDA	0.0008	0.69	0.07
CBGA	0.0008	25.70	2.57
CBG	0.0019	0.86	0.09
CBD	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THCV	0.0021	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBN	0.0013	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Δ9-ΤΗС	0.0020	3.90	0.39
Δ8-ΤΗС	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THC-A	0.0034	170.31	17.03
СВС	0.0024	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Total THC		153.26	15.33
Total CBD		0.61	0.06
Total Cannabinoids		201.46	20.15

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:

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. $\Delta 9\text{-THC MU} = \pm 0.005\%$ Total THC MU = $\pm 0.007\%$

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.

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15.33%

Total THC

0.06%

Total CBD

20.15%

Total Cannabinoids

0.39%

Δ9-ΤΗС

12.02%

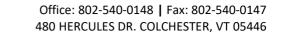
Percent Moisture 1:0

THC : CBD Ratio



Luke K.M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)





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Lot: SCLT0254-032 **Report Date:** 11/27/2023

Matrix: Flower

Date Analyzed: 11/21/2023

Date Sampled: N/A

Analyst: 048

Customer ID: 231106-0
Grower License #: SCLT0254

Date Received: 11/7/2023

Report ID: C231107AO

Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.5277



Test Methodology: Aqualab TDL 2 water activity meter with tunable diode laser

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Certified by: _____

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)