

Certificate of Analysis

Company: Vermont Kind Cultivation Sample ID: East Coast Sour Diesel x Mandelrots Oilspill

Lot: SCLT0186-12-7 **Report Date:** 11/13/2023

Matrix: Flower Date Analyzed: 11/10/2023

Customer ID: 210614-01 Date Sampled: N/A Analyst: 054

Grower License #: SCLT0186 Date Received: 11/10/2023 Report ID: C231030AQ

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	0.70	0.07
CBGA	0.0008	13.08	1.31
CBG	0.0019	1.05	0.10
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	17.00	1.70
Δ8-ТНС	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THC-A	0.0034	200.11	20.01
CBC	0.0024	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Total THC		192.49	19.25
Total CBD		0.61	0.06
Total Cannabinoids		231.93	23.19

Bia Diagnost

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:

Total THC = (THCA x 0.877) + Δ 9-THC Total CBD = (CBDA x 0.877) + CBD Ratio of Total CBD: Total THC 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. $\Delta 9\text{-THC MU} = \pm 0.005\%$ 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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19.25%

Total THC

0.06%

Total CBD

23.19%

Total Cannabinoids 1.7%

Δ9-ТНС

13.48%

Percent Moisture 1:0

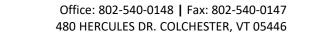
THC : CBD Ratio



Luke E.M

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Company: Vermont Kind Cultivation Sample ID: East Coast Sour Diesel x Mandelrots Oilspill

Lot: SCLT0186-12-7 **Report Date:** 11/13/2023

Matrix: Flower

Date Analyzed: 11/8/2023

Date Sampled: N/A

Analyst: 049

Customer ID: 210614-01
Grower License #: SCLT0186

Date Received: 11/10/2023

Report ID: C231030AQ

Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.5000



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)