

Certificate of Analysis

Company: 45 North Nurseries 962 Worcester Loop Stowe, VT 05672 Customer ID: 221031-1 Grower License #: SCLT0114	Sample ID: Rozay x PSFV 'Mighty Diamonds' Lot: SCLT0114-2 Matrix: Flower Date Sampled: N/A Date Received: 3/13/2024	Report Date: 3/18/2024 Date Analyzed: 3/15/2024 Analyst: 057 Report ID: C240313AA
--	--	--

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	1.03	0.10
CBGA	0.0008	16.92	1.69
CBG	0.0019	0.91	0.09
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	2.84	0.28
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	217.59	21.76
CBC	0.0024	<LOQ	<LOQ
Total THC		193.66	19.37
Total CBD		0.90	0.09
Total Cannabinoids		239.28	23.93

19.37%

Total THC

0.09%

Total CBD

23.93%

 Total
Cannabinoids

0.28%

Δ9-THC

11.59%

 Percent
Moisture

1 : 0

 THC : CBD
Ratio

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) + Δ9-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.

Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

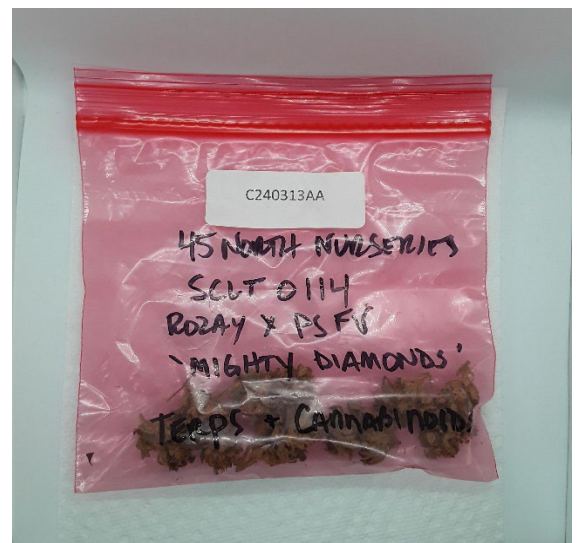
All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by:



Luke Emerson Mason (Laboratory Director, Bia Diagnostics)



Certificate of Analysis

Company: 45 North Nurseries
 962 Worcester Loop
 Stowe, VT 05672

Customer ID: 221031-1

Grower License #: SCLT0114

Sample ID: Rozay x PSFV 'Mighty Diamonds'

Lot: SCLT0114-2

Matrix: Flower

Date Sampled: N/A

Date Received: 3/13/2024

Report Date: 3/18/2024

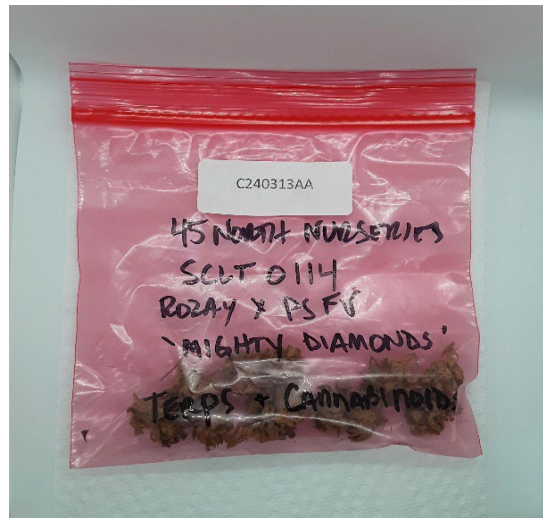
Date Analyzed: 3/14/2024

Analyst: 052

Report ID: C240313AA

Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.4943



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

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by: 
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)