

Certificate of Analysis

For R&D Use Only - Not a California Compliance Certificate.

Critical Mass

Client: Black Tie Group

Total CBD

ND

Total THC

29.19 %

Total Cannabinoids

33.28 %



Sample Name:

Critical Mass

Matrix:

Plant

Unit Mass:

1 g per unit

Sample ID:

46541217-12

Date Received:

12/17/2024



Approved By:

Marie True, M.S.

Laboratory Manager

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References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

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Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0030	0.0090	ND	ND
CBG	0.0038	0.011	ND	ND
CBDA	0.0017	0.0052	ND	ND
CBN	0.00080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	0.051	0.51
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	33.227	332.27
Total CBD			ND	ND
Total THC			29.191	291.91
Total Cannabinoids			33.278	332.78

Date Tested: 12/19/2024

Total THC = THCa * 0.877 + d9-THC + d8-THC

Total CBD = CBDa * 0.877 + CBD

Method References:

Hemp Profile (SOP HPLC Hemp by UV-Detection)