

Certificate of Analysis

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

King Louie

Client:

Analyte	LOD (µg)	LOQ (µg)	Mass (µg)	Mass (µg/g)
CBD	0.0000	0.0000	ND	ND
CBD	0.0000	0.0000	ND	ND
CBD	0.0000	0.0000	ND	ND
CBD	0.0000	0.0000	ND	ND
CBD	0.0000	0.0000	ND	ND
CBD	0.0000	0.0000	ND	ND
CBD	0.0000	0.0000	ND	ND
Total CBD				ND
Delta 9-THC	0.0000	0.0000	0.33	33.33
Delta 8-THC	0.0000	0.0000	ND	ND
THCA	0.0000	0.0000	33.33	33.33
Total THC				29.37 %
Total Cannabinoids				33.46 %



Method Reference: United Nations Office on Drugs and Crime - Recommended methods for identification and analysis of cannabis and cannabis products
 Cannabinoid Profile (UNGC)
 Official Methods of Analysis Method 2013 II AAOAC INTERNATIONAL (modified), Lukas Vojnity, Frank R. Pinner, Alex Kmetz, Veronika Svoboda, Jana Hlavova, and Katerina Mastovska. Quantification of Cannabinoids in Cannabis Using HPLC-MS/MS. Cannabis: Science, Culture, and Policy. 2013. DOI: 10.1080/15490327.2013.828888
 With Optional Mass Spectrometric Detection, First Action Method, Journal of AOAC International, Future Issue

Sample Name:
King Louie

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
46840123-4

Date Received:
1/23/2024

Marie
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	0.23	2.29
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	33.23	332.33
Total CBD			ND	ND
Total THC			29.37	293.74
Total Cannabinoids			33.46	334.62

Date Tested: 1/25/2024

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

Total CBD = CBDA * 0.877 + CBD

Method References:

Cannabinoid Profile (UNODC)

Official Methods of Analysis, Method 2018.11.AOAC INTERNATIONAL (modified), Lukas Vaclavik, Frantisek Benes, Alex Krmela, Veronika Svobodova, Jana Hajsolva, and Katerina Mastovska, "Quantification of Cannabinoids in Cannabis Dried Plant Materials, Concentrates, and Oils Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection," First Action Method, Journal of AOAC International, Future Issue

United Nations Office on Drugs and Crime - Recommended methods for identification and analysis of cannabis and cannabis products

Testing Location:

FESA Labs
2002 S. Grand Ave., Suite A
Santa Ana, CA 92705
(714) 540-0172
www.fesalabs.com

FESA Labs - Santa Ana, CA

Testing Location

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Maria
Approved By:
Maria M. S.
Laboratory Manager