

Certificate of Analysis

Produced: Apr 02, 2025

Sample: 070C5063821 (Edible Liquid) • Client: Vanguard Enterprises • Batch: Pass



Batch No.: 070C5063821
Matrix: Edible Liquid
Density: 1.00374 g/ml
Category: Edible
Sample ID: ICC-250326-33-001
Collected on: Mar 27, 2025
Received on: Mar 27, 2025
Batch Size:
Sample Size: 355 Units
Received By: Stephanie Paule
Package Size: 352.27 g
Serving Size: 352.27 g

Batch Result: Pass

Alkaloids	Tested
Metals	Pass
Microbial	Pass

Cannabinoid Overview

Kratom Potency: 40.9 mg/srv

KRAT-PREP-001: KRAT-PREP-001: Kratom Potency • Mar 31, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)	Pass/Fail
Mitragynine	40.9	40.9	0.0116	0.116	0.000294/0.00358	N/A	Corynantheidine			< LOQ	< LOQ	0.000456/0.00361	N/A
Paynantheine			< LOQ	< LOQ	0.000210/0.00358	N/A	Speciociliatine			ND	ND	0.000365/0.00358	N/A
Speciogynine			< LOQ	< LOQ	0.000325/0.00358	N/A	7-OH-Mitragynine			ND	ND	0.000268/0.00358	N/A

Compliance requirements for this test are taken from No Compliance regulations.

HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • Mar 27, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	1.5	ND	0.00300/0.00900	Pass	Lead	0.5	ND	0.00100/0.00400	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass	Mercury	3	ND	0.00500/0.0140	Pass

Compliance requirements for this test are taken from California Cannabis regulations.



Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Salmonella spp.	ND	Pass	Shiga toxin-producing E. coli	ND	Pass

Compliance requirements for this test are taken from California Cannabis regulations.

MICR-002: MICR-002: Petrifilm-Aerobic • Apr 02, 2025

Analyte	Amt	Pass/Fail
Aerobic Bacteria	ND	Pass

Compliance requirements for this test are taken from Colorado Hemp regulations.

MICR-005, MICR-006: MICR-005, MICR-006: Petrifilm-Rapid Yeast & Mold • Apr 02, 2025

Analyte	Amt	Pass/Fail
Yeast & Mold	ND	Pass

Compliance requirements for this test are taken from Colorado Hemp regulations.

