# **Certificate of Analysis**

Produced: Apr 02, 2025

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



#### 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

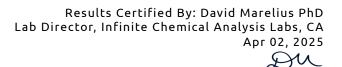
Compliance requirements for this test are taken from No Compliance regulations.

### 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.





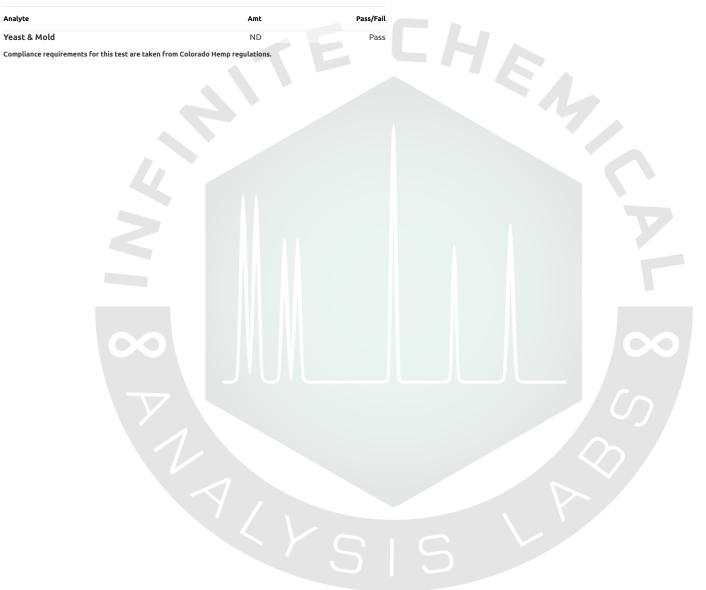
## MICRO-008, MICRO-PREP-001, MICRO-INST-001: MICRO-008, MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (noninhalable) • Mar 28, 2025

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	a 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





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Results Certified By: David Marelius PhD Lab Director, Infinite Chemical Analysis Labs, CA Apr 02, 2025

https://lims.tagleaf.com/coa\_/XyM7aXseMC