Certificate of Analysis

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-0000052-LIC

CUSTOMER:

Simple Inc
980 W 17th Street, Suite F
Santa Ana 92706

SAMPLE INFORMATION

Sample No.: 1265065
Product Name: Rave Kratom Blacked Out Blackberry
Lot #: 3312

Date Collected: 12/16/2024
Date Received: 12/17/2024
Date Reported: 12/23/2024

TEST SUMMARY

Alkaloid Fingerprint: Tested
Residual Solvent Screen: Pass
Overall: Pass
Microbiological Screen: Tested
Heavy Metal Screen: Pass

Alkaloid Fingerprint

12/23/2024

Method: MF 12D030
Instrument: LC-MS/MS
Limit of Quantitation Alkaloid Fingerprint (LCMSMS) 0.0050 mg/g
Limit of Detection 0.0017 mg/g
Limit of Quantitation 0.0050 mg/g

Analyte	mg/g	%	mg/ml	mg/ package
7-OH Mitragynine	ND	ND	ND	ND
Ajamalicine	ND	ND	ND	ND
Corynantheidine	0.0415	0.0042	0.04223	1.2670
Corynoxine	ND	ND	ND	ND
Mitragynine	5.0104	0.5010	5.09878	152.964
Mitraphylline	ND	ND	ND	ND
Paynantheine	0.5035	0.0503	0.51238	15.3715
Speciociliatine	0.5518	0.0552	0.56153	16.846
Speciogynine	0.3179	0.0318	0.32351	9.7052
Total Alkaloids	6.4251	0.6425	6.53844	196.153
Package Weight (g)	30.5292			
g/ml Conversion Factor	1.01764			

Microbiological Screen

12/23/2024

Method: FDA BAM

Analyte	Findings	Units
Coliforms	<10	cfu/g
E. coli	<10	cfu/g
Yeast	<10	cfu/g
Mold	<10	cfu/g

Residual Solvent Screen ✔ Pass

12/23/2024

Method: USP <467>

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.2/0.5	ND	5	Pass
Acetone	67/200	ND	5000	Pass
Acetonitrile	67/200	ND	410	Pass
Benzene	0.2/0.5	ND	2	Pass
n-Butane	67/200	ND	-	-
Chloroform	0.2/0.5	ND	60	Pass
Ethanol	67/200	ND	5000	Pass
Ethyl acetate	67/200	ND	5000	Pass
Ethyl ether	67/200	ND	5000	Pass
Ethylene oxide	0.2/0.5	ND	10	Pass
n-Heptane	67/200	ND	5000	Pass
n-Hexane	67/200	ND	290	Pass
Isopropyl alcohol	67/200	ND	5000	Pass
Methanol	67/200	ND	3000	Pass
Methylene chloride	0.2/0.5	ND	600	Pass
n-Pentane	67/200	ND	5000	Pass
Propane	67/200	ND	-	-
Toluene	67/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	67/200	ND	2170	Pass
Trichloroethylene	0.2/0.5	ND	80	Pass

Heavy Metal Screen ✔ Pass

12/23/2024

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Intake (µg/day)	Limit (µg/day)	Status
Arsenic	0.02/0.05	ND	ND	10	Pass
Cadmium	0.02/0.05	ND	ND	4.1	Pass
Lead	0.02/0.05	ND	ND	10	Pass
Mercury	0.02/0.05	ND	ND	2	Pass

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

December 23, 2024

Scan to verify