

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** 30% KAVA POWDER

**SAMPLE CODE:** DTS-240802-011

**CLIENT:** BOTANAWAY

**BATCH RESULT:** PASS



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**MATRIX NAME:** Extract - CO2  
**SAMPLE TYPE:** Compliance  
**RECEIVED DATE:** Tue, Aug 6, 2024  
**PUBLISHED DATE:** Thu, Aug 8, 2024  
**BATCH/LOT CODE:** CKW-C-A402401  
**BATCH SIZE:** N/A  
**SAMPLE SIZE:** 1U

**KAVAL** ✓  
Kavalactones & Kavains

**SOL** ✓  
Residual Solvents  
USP <467>

**RESULTS REVIEWED BY:** Leslie Varela  
Laboratory Director  
Cambium Analytica  
Thursday, Aug 8, 2024

**RESULTS CERTIFIED BY:** Douglas Smith  
VP - Scientific Operations  
Cambium Analytica  
Thursday, Aug 8, 2024

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**KAVAL** **KAVALACTONES & KAVAINS**  
LAB-TM-067 - DETERMINATION OF KAVALACTONES & KAVAINS BY LC-DAD  
KAVAL-DTS-240802-011-01 - FRI, AUG 2, 2024



ANALYTE	VALUE	VALUE (mg/g)	ACTION LIMIT	LOD	LOQ	STATUS
Kavain	9.817 %	98.174 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Dihydrokavain	8.232 %	82.324 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	3.280 %	32.802 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	3.032 %	30.318 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	3.032 %	30.323 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	2.852 %	28.517 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain B	0.641 %	6.411 mg/g	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain A	0.395 %	3.948 mg/g	N/A	0.025 ug/g	0.1 ug/g	N/A
<b>Total Kavalactones and Kavains</b>	<b>31.282 %</b>	<b>312.815 mg/g</b>	N/A			N/A
<b>Total Kavalactones</b>	<b>30.246 %</b>	<b>302.457 mg/g</b>	N/A			N/A

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
1,2-Dichloroethane	ND	N/A	0.4 ug/g	1.34 ug/g	N/A
2-Methylbutane	ND	N/A	1.54 ug/g	5.14 ug/g	N/A
2-Methylpentane	ND	N/A	0.046 ug/g	0.154 ug/g	N/A
2,2-Dimethylbutane	ND	N/A	0.98 ug/g	3.27 ug/g	N/A
2,3-Dimethylbutane	ND	N/A	2.19 ug/g	7.32 ug/g	N/A
3-Methylpentane	ND	N/A	0.73 ug/g	2.44 ug/g	N/A
Acetone	ND	N/A	1.57 ug/g	5.23 ug/g	N/A
Acetonitrile	ND	N/A	1.85 ug/g	6.17 ug/g	N/A
Benzene	ND	N/A	0.18 ug/g	0.59 ug/g	N/A
Butane	ND	N/A	1.68 ug/g	5.59 ug/g	N/A
Chloroform	ND	N/A	0.78 ug/g	2.59 ug/g	N/A
Ethanol	ND	N/A	6.02 ug/g	20.1 ug/g	N/A
Ethyl Acetate	ND	N/A	1.95 ug/g	6.49 ug/g	N/A
Ethyl Ether	ND	N/A	1.37 ug/g	4.55 ug/g	N/A
Ethylene Oxide	ND	N/A	0.15 ug/g	0.49 ug/g	N/A
Heptane	ND	N/A	1.31 ug/g	4.37 ug/g	N/A
Hexane	ND	N/A	1.42 ug/g	4.74 ug/g	N/A
Isobutane	ND	N/A	1.6 ug/g	5.34 ug/g	N/A
Isopropyl Alcohol	ND	N/A	4.9 ug/g	16.3 ug/g	N/A
Methanol	ND	N/A	7.89 ug/g	26.4 ug/g	N/A
Methylene Chloride	ND	N/A	1.36 ug/g	4.53 ug/g	N/A
Neopentane	ND	N/A	1.49 ug/g	4.97 ug/g	N/A
Pentane	ND	N/A	1.46 ug/g	4.87 ug/g	N/A
Propane	ND	N/A	1.95 ug/g	6.51 ug/g	N/A
Toluene	ND	N/A	1.88 ug/g	6.26 ug/g	N/A
Total Xylenes	ND	N/A	2.02 ug/g	6.72 ug/g	N/A
Trichloroethylene	ND	N/A	0.29 ug/g	0.96 ug/g	N/A
Butanes (Sum of Butane and Isobutane)	ND	N/A			N/A
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	ND	N/A			N/A
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	ND	N/A			N/A

