Certificate of Analysis

Sample Name: Solomon Kava
Client: Kats Botanicals
Sample Code: DTS-250618-044 Botanical
Matrix Name: Powder - Plant Quality
Type / Result: Assurance - Pass

cambium analytica



Received Date: Fri, Jun 20, 2025
Published Date: Tue, Jun 24, 2025
Batch/Lot Code: SM250514
Batch Size: N/A
Sample Size: 1U

RESULT SUMMARY

Total Kavalactones and Kavains	10.4719 %

KAVAL ✓
Kavalactones & Kavains

HVMET ✓
Heavy Metals
Big 4

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director
Cambium Analytica
Tuesday, Jun 24, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Tuesday, Jun 24, 2025

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KAVAL

Kavalactones & Kavains

LAB-TM-067 - Determination of Kavalactones & Kavains by LC-DAD
KAVAL-DTS-250618-044-02 - TUE, JUN 24, 2025

Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
Kavain	3.4537 %	34.5367 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Dihydrokavain	2.9148 %	29.1475 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	1.5188 %	15.1877 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.9228 %	9.2282 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	0.7188 %	7.1879 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	0.6972 %	6.9720 mg/g	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain A	0.1298 %	1.2983 mg/g	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain B	0.1161 %	1.1611 mg/g	N/A	0.025 ug/g	0.1 ug/g	N/A
Total Kavalactones and Kavains	10.4719 %	104.7193 mg/g	N/A	N/A	N/A	N/A
Total Kavalactones	10.2260 %	102.2599 mg/g	N/A	N/A	N/A	N/A
Total Flavokavains	0.2459 %	2.4594 mg/g	N/A	N/A	N/A	N/A

HVMET

Heavy Metals - Big 4

LAB-TM-044 - Determination of Heavy Metals by ICP-MS
HVMET-DTS-250618-044-01 - TUE, JUN 24, 2025

Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
Arsenic	ND	N/A	N/A	0.509 ug/kg	2.062 ug/kg	N/A
Cadmium	0.361 ug/g	0.000 mg/g	N/A	0.256 ug/kg	0.509 ug/kg	N/A
Lead	0.091 ug/g	0.000 mg/g	N/A	0.255 ug/kg	0.515 ug/kg	N/A
Mercury	0.004 ug/g	0.000 mg/g	N/A	0.025 ug/kg	0.057 ug/kg	N/A