Certificate of Analysis

Sample Name: Kava Softgel
Client: Kats Botanicals
Sample Code: DTS-260324-042
Matrix Name: Pill - Softgel
Type / Result: Quality Assurance - Pass



Received Date: Wed, Mar 25, 2026
Published Date: Mon, Mar 30, 2026
Batch/Lot Code: 031626
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 0.64131g

RESULT SUMMARY

Total Kavalactones and Kavains	42.20 mg /serv
Total Kavalactones	41.64 mg /serv
Total Flavokavains	0.56 mg /serv

KAVAL ✓	ECOLI ✓	HVMET ✓	TYMFD ✓	SOLHM ✓
Kavalactones & Kavains	Total Coliforms & E. coli Plate	Heavy Metals Big 4	Total Yeast & Mold Plate	Residual Solvents National Panel

Approvals

RESULTS REVIEWED BY:

Leslie Nagy
Laboratory Director
Cambium Analytica
Monday, Mar 30, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Monday, Mar 30, 2026

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Lab Information

Address: 1230 Woodmere Ave, Traverse City, MI 49686 **Phone:** 231.252.3669 **Accreditation:** ISO/IEC 17025:2017 – #108157

KAVAL

Kavalactones & Kavains

LAB-TM-067 - Determination of Kavalactones & Kavains by LC-DAD
KAVAL-DTS-260324-042-01 - FRI, MAR 27, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Dihydrokavain	1.7903 %	17.9025 mg/g	11.48 mg	11.48 mg	N/A	0.25 ug/g	1 ug/g	N/A
Kavain	1.5963 %	15.9626 mg/g	10.24 mg	10.24 mg	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	1.0282 %	10.2822 mg/g	6.59 mg	6.59 mg	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	0.7371 %	7.3715 mg/g	4.73 mg	4.73 mg	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	0.7255 %	7.2548 mg/g	4.65 mg	4.65 mg	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.6158 %	6.1584 mg/g	3.95 mg	3.95 mg	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain B	0.0611 %	0.6114 mg/g	0.39 mg	0.39 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain A	0.0264 %	0.2642 mg/g	0.17 mg	0.17 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Total Kavalactones and Kavains*	6.5807 %	65.8075 mg/g	42.20 mg	42.20 mg	N/A	N/A	N/A	N/A
Total Kavalactones*	6.4932 %	64.9320 mg/g	41.64 mg	41.64 mg	N/A	N/A	N/A	N/A
Total Flavokavains*	0.0876 %	0.8755 mg/g	0.56 mg	0.56 mg	N/A	N/A	N/A	N/A

*Total Kavalactones and Kavains is calculated as the sum of all quantified kavalactones and kavains.
*Total Kavalactones is calculated as the sum of all quantified kavalactones.
*
Total Flavokavains is calculated as the sum of all quantified flavokavains.

ECOLI

Total Coliforms & E. coli - Plate - 25g - Full Range

LAB-TM-059 - Enumeration of Escherichia coli and Total Coliform in Foods and Dietary Supplements
ECOLI-DTS-260324-042-01 - FRI, MAR 27, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
E. coli	ND	20 CFU/g	10 CFU/g	10 CFU/g	PASS
Total Coliforms	ND	10000 CFU/g	10 CFU/g	10 CFU/g	PASS

USP <61> - Vendor Modified, USP <2021> - Vendor Modified, USP <1223>, AOAC PTM 051801, AOAC OMA 2018.13

HVMET

Heavy Metals - Big 4

LAB-TM-044 - Determination of Heavy Metals by ICP-MS
HVMET-DTS-260324-042-01 - FRI, MAR 27, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	<LOQ	N/A	N/A	N/A	N/A	7.832 ug/kg	39.557 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	1.661 ug/kg	9.889 ug/kg	N/A
Lead	<LOQ	N/A	N/A	N/A	N/A	1.266 ug/kg	9.889 ug/kg	N/A
Mercury	ND	N/A	N/A	N/A	N/A	0.475 ug/kg	0.989 ug/kg	N/A

USP <233>, USP <730>, USP <1730>

TYMFD

Total Yeast & Mold - Plate - 25g - Full Range

LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements

TYMFD-DTS-260324-042-01 - MON, MAR 30, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Yeast	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Yeast and Mold*	ND	100000 CFU/g	10 CFU/g	10 CFU/g	PASS

**Total Yeast and Mold is calculated as the sum of Total Yeast and Total Mold*

USP <61> - Vendor Modified, USP <1223>, AOAC PTM 121301, AOAC OMA 2014.05

SOLHM

Residual Solvents - National Panel

ANA-TM-053 - Determination of Residual Solvents

SOLHM-DTS-260324-042-01 - FRI, MAR 27, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
1,1-Dichloroethene	ND	N/A	5 ug/g	10 ug/g	N/A
1,2-Dichloroethane	ND	N/A	0.5 ug/g	1.00 ug/g	N/A
2-Methylbutane	ND	N/A	5 ug/g	10 ug/g	N/A
2-Methylpentane	ND	N/A	5 ug/g	10 ug/g	N/A
2,2-Dimethylbutane	ND	N/A	5 ug/g	10 ug/g	N/A
2,3-Dimethylbutane	ND	N/A	5 ug/g	10 ug/g	N/A
3-Methylpentane	ND	N/A	5 ug/g	10 ug/g	N/A
Acetone	ND	N/A	5 ug/g	10 ug/g	N/A
Acetonitrile	ND	N/A	5 ug/g	10 ug/g	N/A
Benzene	ND	N/A	0.18 ug/g	0.50 ug/g	N/A
Butane	ND	N/A	5 ug/g	10 ug/g	N/A
Chloroform	ND	N/A	0.78 ug/g	1 ug/g	N/A
Ethanol	ND	N/A	5 ug/g	10 ug/g	N/A
Ethyl Acetate	ND	N/A	5 ug/g	10 ug/g	N/A
Ethyl Ether	ND	N/A	5 ug/g	10 ug/g	N/A
Ethylene Oxide	ND	N/A	2 ug/g	4 ug/g	N/A
Heptane	ND	N/A	5 ug/g	10 ug/g	N/A
Hexane	ND	N/A	5 ug/g	10 ug/g	N/A
Isobutane	ND	N/A	5 ug/g	10 ug/g	N/A
Isopropyl Alcohol	19.996 ug/g	N/A	5 ug/g	10 ug/g	N/A
Methanol	ND	N/A	5 ug/g	10 ug/g	N/A
Methylene Chloride	ND	N/A	5 ug/g	10 ug/g	N/A
Neopentane	ND	N/A	5 ug/g	10 ug/g	N/A
Pentane	ND	N/A	5 ug/g	10 ug/g	N/A
Propane	ND	N/A	5 ug/g	10 ug/g	N/A
Toluene	ND	N/A	5 ug/g	10 ug/g	N/A
Total Xylenes	ND	N/A	5 ug/g	10 ug/g	N/A
Trichloroethylene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Total Butanes*	0.000 ug/g	N/A	N/A	N/A	N/A
Total Hexanes*	0.000 ug/g	N/A	N/A	N/A	N/A
Total Pentanes*	0.000 ug/g	N/A	N/A	N/A	N/A

**Total Butanes is calculated as the sum of Butane and Isobutane*

**Total Hexanes is calculated as the sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane.*

**Total Pentanes is calculated as the sum of Pentane, 2-Methylbutane, and Neopentane.*

Modified USP <467>