QA Testing

PharmLabs Certificate of Analysis (COA)

Sample Name **G0220**

Matrix **Edible**

Received **Oct 20, 2026** Reported **Nov 02, 2026**

Analyses executed **RES, KTM** Unit Mass (g) **38.42** Num. of Servings **5** Serving Size (g) **7.68**

Laboratory note: COA Update: 10/29/26 - KTM test added per client request.

Kratom (KTM)

Analyzed **Oct 30, 2026** | Instrument **HPLC VWD** | Method **SOP-KTM**

The expanded Uncertainty of the Kratom analysis is approximately ±**7.81**% at the 95% Confidence Level

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
7-hydroxy Mitragynine (7HMG)	0.008	0.025	ND	ND	ND	ND
MGM-15 (MGM)	0.186	0.562	ND	ND	ND	ND
Mitragynine (MITG)	0.018	0.054	0.81	8.13	62.44	312.35
Speciogynine (SPEG)	0.007	0.02	ND	ND	ND	ND
Speciociliatine (SPCL)	0.004	0.011	0.09	0.88	6.76	33.81

Residual Solvents (RES)

Analyzed **Oct 21, 2026** | Instrument **GC/FID with Headspace Analyzer** | Method **SOP-006**

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.044	0.4	ND	5000	Butane (But)	0.02	0.4	ND	5000
Methanol (Metha)	1.176	3.92	<LOQ	3000	Ethylene Oxide (EthOx)	0.08	0.4	ND	1
Pentane (Pen)	0.024	0.4	ND	5000	Ethanol (Ethan)	0.048	0.4	1055.1	5000
Ethyl Ether (EthEt)	0.036	0.4	ND	5000	Acetone (Acet)	0.044	0.4	ND	5000
Isopropanol (2-Pro)	1.16	3.868	ND	5000	Acetonitrile (Acetonit)	0.888	2.952	ND	410
Methylene Chloride (MetCh)	0.04	0.4	ND	1	Hexane (Hex)	0.012	0.4	ND	290
Ethyl Acetate (EthAc)	0.032	0.4	ND	5000	Chloroform (Clo)	0.028	0.4	ND	1
Benzene (Ben)	0.012	0.4	ND	1	1-2-Dichloroethane (12-Dich)	0.024	0.4	ND	1
Heptane (Hep)	0.012	0.4	ND	5000	Trichloroethylene (TriClEth)	0.072	0.4	ND	1
Toluene	0.036	0.4	ND	890	Xylenes (Xyl)	0.012	0.4	ND	2170

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected below the limit of quantification
>ULOL Above the upper limit of linearity
mg/g Milligrams per gram
ug/g Micrograms per gram
ug/kg Micrograms per kilogram
EU/mg Endotoxin units per milligram
CFU/g Colony-forming units per gram
TNTC Too Numerous to Count

PJLA Testing Acc. #85368

DEA license: RP0611043

ISO/IEC 17025:2017 Acc. 85368

COA version: V2

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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
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PharmWare LABORATORY LIMS & ELN

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