

PharmLabs San Diego Certificate of Analysis

Sample XT0044



Sampled - Received Apr 24, 2025 Reported Apr 30, 2025

Analyses executed RES, KTM, SDR

KTM - Kratom

Analyzed Apr 24, 2025 | Instrument HPLC VWD | Method SOP-KTM

The expanded Uncertainty of the Kratom analysis is approximately $\pm 7.81\%$ at the 95% Confidence Level

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g	Result mg/Unit
7-hydroxy Mitragynine (7HMG)	0.008	0.025	5.68	56.79	45.43
Mitragynine (MITG)	0.018	0.054	ND	ND	ND
Speciogynine (SPEG)	0.007	0.02	ND	ND	ND
Speciocilatin (SPCL)	0.004	0.011	ND	ND	ND

RES - Residual Solvents

Analyzed Apr 29, 2025 | 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	1694.0	3000	Ethylene Oxide (EthOx)	0.08	0.4	ND	1
Pentane (Pen)	0.024	0.4	ND	5000	Ethanol (Ethan)	0.048	0.4	<LOQ	5000
Ethyl Ether (EthEt)	0.036	0.4	42.6	5000	Acetone (Acet)	0.044	0.4	56.8	5000
Isopropanol (2-Pro)	1.16	3.868	<LOQ	5000	Acetonitrile (Acetonit)	0.888	2.952	<LOQ	410
Methylene Chloride (MetCh)	0.04	0.4	ND	1	Hexane (Hex)	0.012	0.4	70.9	290
Ethyl Acetate (EthAc)	0.032	0.4	1925.5	5000	Chloroform (Clo)	0.028	0.4	ND	1
Benzene (Ben)	0.012	0.4	ND	1	1,2-Dichloroethane (1,2-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	<LOQ	890	Xylenes (Xyl)	0.012	0.4	<LOQ	2170

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



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ISO/IEC 17025:2017 Acc. 85368

Authorized Signature

Brandon Starr

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Wed, 30 Apr 2025 08:25:28 -0700

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