

Certificate of Analysis

SUDO - Berry Blast

Client: High Limit



Analysis Summary

	mg/serving
Mitragynine	21.798
7-OH Mitragynine	ND
Paynantheine	1.098
Speciogynine	0.856
Speciociliatine	0.372
Corynantheidine	0.479
Mitraphylline	ND
9-O-desmethyl Mitragynine	0.086
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	0.718
Mitragynine pseudoindoxyl	4.62
MGM-15 (CAS No. 1158901-38-2)	19.62
Total Quantified Alkaloids	49.65

Sample Name:

SUDO - Berry Blast

Matrix:

Other

Serving Mass:

0.7895 g per serving

Sample ID:

85260519-9

Date Received:

5/19/26

Marie

Approved By:

Marie True, M.S.

Laboratory Manager

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References: limit of quantitation (LOQ), not detected (ND), not tested (NT)

FESA Labs

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Certificate of Analysis

Kratom Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)	Mass (mg/serving)	
Mitragynine	0.016	0.049	2.7610	27.610	21.80	
7-OH Mitragynine	0.019	0.058	ND	ND	ND	
Paynantheine	0.022	0.066	0.1391	1.391	1.10	
Speciogynine	0.019	0.056	0.1084	1.084	0.86	
Speciociliatine	0.018	0.054	0.0471	0.471	0.37	
Corynantheidine	0.024	0.073	0.0607	0.607	0.48	
Mitraphylline	0.017	0.052	ND	ND	ND	
9-O-desmethyl Mitragynine	0.017	0.050	0.0108	0.108	0.09	
Corynoxine B	0.022	0.066	ND	ND	ND	
Ajmalicine	0.024	0.071	ND	ND	ND	
Isomitraphylline	0.019	0.057	ND	ND	ND	
Mitraciliatine	0.020	0.060	0.0910	0.910	0.72	
Mitragynine pseudoindoxyl	0.033	0.098	0.585	5.85	4.62	
 MGM-15 (CAS No. 1158901-38-2)	 0.011	 0.03	 2.486	 24.86	 19.62	
 Total Quantified Alkaloids			 6.2886	 62.886	 49.65	

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.