

# Certificate of Analysis

## Strawberry Pez 13-14mg

Client: Alkaloid Bros


**Sample Name:**  
 Strawberry Pez 13-14mg

**Matrix:**  
 Other

**Serving Mass:**  
 0.5063 g per serving

**Sample ID:**  
 75560512-2

**Date Received:**  
 5/12/26



 Approved By:  
 Marie True, M.S.  
 Laboratory Manager

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

### Analysis Summary

	mg/serving
Mitragynine	0.468
7-OH Mitragynine	15.494
Paynantheine	0.045
Speciogynine	ND
Speciociliatine	0.128
Corynantheidine	0.084
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	0.106
Mitragynine pseudoindoxyl	0.36
MGM-15 (CAS No. 1158901-38-2)	ND
Total Quantified Alkaloids	16.69

### Analysis Overview

Residual Solvents & Processing Chemicals	Pass
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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	0.0924	0.924	0.47
7-OH Mitragynine	0.019	0.058	3.0602	30.602	15.49
Paynantheine	0.022	0.066	0.0088	0.088	0.04
Speciogynine	0.019	0.056	ND	ND	ND
Speciociliatine	0.018	0.054	0.0253	0.253	0.13
Corynantheidine	0.024	0.073	0.0165	0.165	0.08
Mitraphylline	0.017	0.052	ND	ND	ND
9-O-desmethyl Mitragynine	0.017	0.050	ND	ND	ND
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	0.0209	0.209	0.11
Mitragynine pseudoindoxyl	0.033	0.098	0.072	0.72	0.36
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	ND	ND	ND
<b>Total Quantified Alkaloids</b>			<b>3.2957</b>	<b>32.957</b>	<b>16.69</b>

## Residual Solvents Analysis

**Pass**

Analyte	LOQ (µg/g)	Limit (mg/g)	Mass (mg/g)	Status
Acetone	0.490	5.00	ND	Pass
Acetonitrile	0.460	0.41	ND	Pass
Benzene	0.590	0.00	ND	Pass
Butane	0.560	N/A	ND	N/A
Chloroform	0.510	0.06	ND	Pass
1,2-Dichloroethane	0.570	0.01	ND	Pass
Ethanol	0.470	5.00	0.53	Pass
Ethyl Acetate	0.520	5.00	0.22	Pass
Ethyl Ether	0.480	5.00	ND	Pass
Ethylene Oxide	0.460	0.01	ND	Pass
Heptane	0.520	5.00	ND	Pass
n-Hexane	0.540	0.29	ND	Pass
Isopropanol	0.580	5.00	ND	Pass
Methanol	0.460	3.00	ND	Pass
Methylene Chloride	0.560	0.60	ND	Pass
Pentane	0.520	5.00	ND	Pass
Propane	0.510	N/A	ND	N/A
Toluene	0.480	0.89	ND	Pass
Trichloroethylene	0.520	0.08	ND	Pass
Xylenes	0.580	2.17	ND	Pass

### Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.

HSGCMS02 - Headspace Gas Chromatography with Mass Spectrometric Detection for Residual Solvents Panel