

Certificate of Analysis

P.1075.050526

Client: SoHi Brands



Analysis Summary

	mg/serving	%
Mesembrine (CAS No. 24880-43-1)	1.267	0.025
Mesembrenone (CAS No. 80287-15-6)	0.016	0.000
D7-Mesembrenone (CAS No. 80287-15-6)	0.401	0.008
Mesembrenol (CAS No. 25516-15-8)	ND	ND
Total Quantified Alkaloids	1.684	0.033

Sample Name:

P.1075.050526

Matrix:

Other

Serving Mass:

5.147 g per serving

Sample ID:

88560605-1

Date Received:

6/5/26

Marie

Approved By:

Marie True, M.S.

Laboratory Manager

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

Certificate of Analysis

Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Percent (%)	Mass (mg/g)	Mass (mg/serving)
Mesembrine (CAS No. 24880-43-1)	0.000011	0.000032	0.0246	0.25	1.27
Mesembrenone (CAS No. 80287-15-6)	0.000021	0.000063	0.0003	0.00	0.02
D7-Mesembrenone (CAS No. 80287-15-6)	0.000011	0.000032	0.0078	0.08	0.40
Mesembrenol (CAS No. 25516-15-8)	0.000021	0.000063	ND	ND	ND
Total Quantified Alkaloids			0.0327	0.33	1.68

Method References:

LCMSMSKAN01 - High Pressure Liquid Chromatography with ESI+ Mass Spectrometry Detection for Kanna Alkaloids

Certificate of Analysis

BR.1075.050526

Client: SoHi Brands



Analysis Summary

	mg/serving	%
Mesembrine (CAS No. 24880-43-1)	0.895	0.019
Mesembrenone (CAS No. 80287-15-6)	0.013	0.000
D7-Mesembrenone (CAS No. 80287-15-6)	0.245	0.005
Mesembrenol (CAS No. 25516-15-8)	ND	ND
Total Quantified Alkaloids	1.153	0.024

Sample Name:

BR.1075.050526

Matrix:

Other

Serving Mass:

4.745 g per serving

Sample ID:

88560605-2

Date Received:

6/5/26

Approved By:

Marie True, M.S.

Laboratory Manager

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Certificate of Analysis

Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Percent (%)	Mass (mg/g)	Mass (mg/serving)
Mesembrine (CAS No. 24880-43-1)	0.000011	0.000032	0.0189	0.19	0.90
Mesembrenone (CAS No. 80287-15-6)	0.000021	0.000063	0.0003	0.00	0.01
D7-Mesembrenone (CAS No. 80287-15-6)	0.000011	0.000032	0.0052	0.05	0.24
Mesembrenol (CAS No. 25516-15-8)	0.000021	0.000063	ND	ND	ND
Total Quantified Alkaloids			0.0243	0.24	1.15

Method References:

LCMSMSKAN01 - High Pressure Liquid Chromatography with ESI+ Mass Spectrometry Detection for Kanna Alkaloids

Certificate of Analysis

M.1075.050526

Client: SoHi Brands



Analysis Summary

	mg/serving	%
Mesembrine (CAS No. 24880-43-1)	1.103	0.022
Mesembrenone (CAS No. 80287-15-6)	0.014	0.000
D7-Mesembrenone (CAS No. 80287-15-6)	0.188	0.004
Mesembrenol (CAS No. 25516-15-8)	ND	ND
Total Quantified Alkaloids	1.306	0.026

Sample Name:

M.1075.050526

Matrix:

Other

Serving Mass:

4.952 g per serving

Sample ID:

88560605-3

Date Received:

6/5/26

Marie

Approved By:

Marie True, M.S.

Laboratory Manager

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Certificate of Analysis

Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Percent (%)	Mass (mg/g)	Mass (mg/serving)
Mesembrine (CAS No. 24880-43-1)	0.000011	0.000032	0.0223	0.22	1.10
Mesembrenone (CAS No. 80287-15-6)	0.000021	0.000063	0.0003	0.00	0.01
D7-Mesembrenone (CAS No. 80287-15-6)	0.000011	0.000032	0.0038	0.04	0.19
Mesembrenol (CAS No. 25516-15-8)	0.000021	0.000063	ND	ND	ND
Total Quantified Alkaloids			0.0264	0.26	1.31

Method References:

LCMSMSKAN01 - High Pressure Liquid Chromatography with ESI+ Mass Spectrometry Detection for Kanna Alkaloids

Certificate of Analysis

W.1075.050526

Client: SoHi Brands



Analysis Summary

	mg/serving	%
Mesembrine (CAS No. 24880-43-1)	1.009	0.021
Mesembrenone (CAS No. 80287-15-6)	0.013	0.000
D7-Mesembrenone (CAS No. 80287-15-6)	0.178	0.004
Mesembrenol (CAS No. 25516-15-8)	ND	ND
Total Quantified Alkaloids	1.200	0.025

Sample Name:

W.1075.050526

Matrix:

Other

Serving Mass:

4.804 g per serving

Sample ID:

88560605-4

Date Received:

6/5/26

Approved By:

Marie True, M.S.

Laboratory Manager

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Certificate of Analysis

Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Percent (%)	Mass (mg/g)	Mass (mg/serving)
Mesembrine (CAS No. 24880-43-1)	0.000011	0.000032	0.0210	0.21	1.01
Mesembrenone (CAS No. 80287-15-6)	0.000021	0.000063	0.0003	0.00	0.01
D7-Mesembrenone (CAS No. 80287-15-6)	0.000011	0.000032	0.0037	0.04	0.18
Mesembrenol (CAS No. 25516-15-8)	0.000021	0.000063	ND	ND	ND
Total Quantified Alkaloids			0.0250	0.25	1.20

Method References:

LCMSMSKAN01 - High Pressure Liquid Chromatography with ESI+ Mass Spectrometry Detection for Kanna Alkaloids