

SAMPLE DETAILS

SAMPLE NAME: Nuance

Other

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Nuance Micro Dose

License Number:

Address:

SAMPLE DETAIL

Batch Number: SLC-MMM080626

Sample ID: 260825N060

Date Collected: 08/25/2026

Date Received: 08/25/2026

Batch Size:

Sample Size:

Unit Mass: 4.5 grams per Unit

Serving Size: 4.5 grams per Serving



TRYPTAMINE ANALYSIS - SUMMARY

Sum of Tryptamines: 11.163 mg/g

Sum of Tryptamines = Norbaeocystin + Baeocystin +
4-Hydroxytryptamine + Aeruginascin + Psilocybin + Norpsilocin
+ Psilocin + 4-HO-TMT + 4-AcO-DMT

Total Psilocin: 8.231 mg/g

Total Psilocin = Psilocin + 0.719 * Psilocybin

For quality assurance purposes. Not a Regulatory Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),
 $\mu\text{g/g}$ = ppm, $\mu\text{g/kg}$ = ppb



Approved by: Aileen Arreola
Job Title: Lead Laboratory Analyst
Date: 08/27/2026



Tryptamine Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 61647 - Tryptamine Analysis of Mushrooms, Infused Products, and Concentrates (Note: this test is not included as part of our ISO/IEC 17025 scope of accreditation)

SUM OF TRYPTAMINES: 11.163 mg/g

Sum of Tryptamines = Norbaeocystin + Baeocystin + 4-Hydroxytryptamine + Aeruginascin + Psilocybin + Norpsilocin + Psilocin + 4-HO-TMT + 4-AcO-DMT

TOTAL PSILOCIN: 8.231 mg/g

Total Psilocin = Psilocin + 0.719 * Psilocybin

What is Psilocybin?

Psilocybin is a naturally occurring prodrug found in psychedelic mushrooms. In the body, it is converted into psilocin, the compound responsible for producing psychedelic effects. Psilocybin itself is chemically stable and pharmacologically inactive until metabolized, contributing to the delayed onset of its effects.

What is Psilocin?

Psilocin is the compound into which psilocybin is converted in the body, and it is responsible for producing psychedelic effects by activating serotonin receptors, particularly 5-HT_{2A}. Compared to psilocybin, it is less chemically stable and is rapidly metabolized, resulting in short-lived but intense psychoactive experiences.

TRYPTAMINE TEST RESULTS - 08/27/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Psilocybin	0.026 / 0.079	±0.3379	8.964	0.8964
Psilocin	0.007 / 0.021	±0.0313	1.786	0.1786
Baeocystin	0.023 / 0.068	±0.0094	0.265	0.0265
4-Hydroxytryptamine	0.010 / 0.031	±0.0020	0.106	0.0106
Aeruginascin	0.013 / 0.040	±0.0014	0.042	0.0042
Norbaeocystin	0.020 / 0.061	N/A	<LOQ	<LOQ
Norpsilocin	0.020 / 0.059	N/A	<LOQ	<LOQ
4-AcO-DMT	0.014 / 0.041	N/A	ND	ND
4-HO-TMT	0.011 / 0.032	N/A	ND	ND
SUM OF TRYPTAMINES			11.163 mg/g	1.1163%

Unit Mass: 4.5 grams per Unit / Serving Size: 4.5 grams per Serving

Total Psilocin per Unit	37.040 mg/unit
Total Psilocin per Serving	37.040 mg/serving
Sum of Tryptamines per Unit	50.234 mg/unit
Sum of Tryptamines per Serving	50.234 mg/serving