



Certificate of Analysis

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Order: FLO#25011013-1

12/02/2025

Amanita tinctures (60 mL total)
MC: Muscimol IBA: Ibotenic Acid
milligram/milliliter: mg/mL

Product	MC (mg/mL)	IBA (mg/mL)	MC + IBA (mg/mL)	*MC Total (mg/mL)	*MC Total (mg)
AM Tincture	0.220	0.160	0.380	0.336	20.160
PM Tincture	0.421	0.023	0.444	0.438	26.280

LOQ (MC): 1.95 ppm
LOQ (IBA): 3.91 ppm
BLQ: Below Limit of Quantitation
BLD: Below Limit of Detection
*Calculated IBA to MC conversion

PC: Psilocin PB: Psilocybin
milligrams/milliliter: mg/mL

Sample	PC (mg/mL)	PB (mg/mL)	Total (mg/mL)	*PC Total (mg/mL)
AM tincture	BLD	BLD	BLD	BLD
PM tincture	BLD	BLD	BLD	BLD

LOQ (PC): 1.00 ppm
LOQ (PB): 3.91 ppm
BLQ: Below Limit of Quantitation
BLD: Below Limit of Detection
*Calculated PB to PC Conversion

Reference Standards

HPLC Controls	Measured (ppm)	Expected (ppm)	Recovery %	St Dev	%CV
MC	132.36	128.00	103.40	1.66	1.25
IBA	131.23	128.00	102.53	4.79	3.65
PC	129.54	128.00	101.20	2.44	2.98
PB	127.69	128.00	99.76	1.87	2.01

% recovery: +/- 20% acceptable
SD: Standard Deviation
%CV: Percent Coefficient of Variance

Analyst	Date Started	Date Completed
GS	11/26/2025	11/30/2025

All data is for research and educational purposes only.