

PharmLabs San Diego Certificate of Analysis



Sample Legal Shroomz

Sample ID SD251024-116 (126121)	Matrix Mushroom	Batch ID/Lot ID Agaricus Subrufescens
Tested for Flame USA Inc		
Sampled -	Received Oct 24, 2025	Reported Nov 05, 2025
Analyses executed MIBNIG, HME, AMU, PSY		

AMU - Amanita Muscaria

Analyzed Oct 27, 2025 | Instrument HPLC VWD | Method SOP-039 AMU  
 The expanded Uncertainty of the Amanita Muscaria analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g	Sample photography
Ibotenic Acid (IBOa)	1.025	3.105	ND	ND	
Muscimol (MUOL)	0.19	0.576	ND	ND	

PSY - Psilocybin & Psilocin

Analyzed Oct 27, 2025 | Instrument HPLC VWD | Method SOP-PSY  
 The expanded Uncertainty of the Psilocybin & Psilocin analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g
Psilocybin (PSCY)	0.007	0.019	ND	ND
Psilocin (PSCI)	0.003	0.009	ND	ND

HME - Heavy Metals

Analyzed Oct 27, 2025 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	2.14	1.5
Cadmium (Cd)	0.0005	0.0015	0.41	0.5
Mercury (Hg)	0.0058	0.0174	0.12	3
Lead (Pb)	0.0006	0.0018	0.41	0.5

MIBNIG - Microbial

Analyzed Oct 27, 2025 | Instrument Plating | Method SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia Coli	1.0	1.0	ND	1
Salmonella spp.	1.0	1.0	ND	1

UI Unidentified  
 ND Not Detected  
 N/A Not Applicable  
 NT Not Reported  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
 <LOQ Detected  
 >ULOL Above upper limit of linearity  
 CFU/g Colony Forming Units per 1 gram  
 TNTC Too Numerous to Count



DEA license: RP0611043  
 ISO/IEC 17025:2017 Acc. 85368



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Quality Assurance Manager  
 Wed, 05 Nov 2025 10:04:08 -0800

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