

CERTIFICATE OF ANALYSIS



12661 HOOVER STREET, GARDEN GROVE, CA 92841

P. 714-754-4372

F. 714-668-9972

WWW.ALKEMIST.COM

Report Issued To: Shroombiosis LLC
7418 Spitfire Dr
Corpus Christi, TX, 78412
USA

Sample Name: Shroombiosis
Description: brown powder
Lot#: 2604170
Sample ID#: AL26121095
Test ID: 42828
Received: 09/21/2026

Pesticides USP <561> MODIFIED PANEL by LC/MS and GC/MS

Compound Name	Amount (mg/kg)	USP <561> Specification (mg/kg)	Results
Acephate*	< 0.1	0.1	Pass
Alachlor **	< 0.05	0.05	Pass
Aldrin and Dieldrin (sum of) **	< 0.05	0.05	Pass
Azinphos Ethyl *	< 0.1	0.1	Pass
Azinphos Methyl *	< 1	1	Pass
Bromophos Ethyl **	< 0.05	0.05	Pass
Bromophos Methyl **	< 0.05	0.05	Pass
Bromopropylate **	< 3	3	Pass
Chlordane **	< 0.05	0.05	Pass
Chlorfenvinphos **	< 0.5	0.5	Pass
Chlorpyrifos Ethyl **	< 0.2	0.2	Pass
Chlorpyrifos Methyl **	< 0.1	0.1	Pass
Chlorthal Dimethyl **	< 0.01	0.01	Pass
Cyfluthrin (sum of) **	< 0.1	0.1	Pass
λ-Cyhalothrin **	< 1	1	Pass
Cypermethrin and isomers **	< 1	1	Pass
DDT **	< 1	1	Pass
Deltamethrin *	< 0.5	0.5	Pass
Diazinon *	< 0.5	0.5	Pass
Dichlofluanid *	< 0.1	0.1	Pass
Dichlorvos *	< 1	1	Pass
Dicofol **	< 0.5	0.5	Pass
Dimethoate and omethoate *	< 0.1	0.1	Pass
Endosulfan **	< 3	3	Pass
Endrin **	< 0.05	0.05	Pass
Ethion *	< 2	2	Pass
Etrimphos *	< 0.05	0.05	Pass
Fenchlorophos **	< 0.1	0.1	Pass
Fenitrothion **	< 0.5	0.5	Pass
Fenpropathrin *	< 0.03	0.03	Pass
Fensulfothion *	< 0.05	0.05	Pass
Fenthion *	< 0.05	0.05	Pass
Fenvalerate **	< 1.5	1.5	Pass
Flucythrinate **	< 0.05	0.05	Pass
τ-Fluvalinate **	< 0.05	0.05	Pass

Analysis Date: 09/22/2026
Report Date: 10/02/2026

Analyzed By: Latrece Brown



Authorized By: Celine Decasiano, Analytical
Production Manager

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Fonofos *	< 0.05	0.05	Pass
Heptachlor **	< 0.05	0.05	Pass
Hexachlorobenzene **	< 0.1	0.1	Pass
Hexachlorocyclohexane **	< 0.3	0.3	Pass
Lindan **	< 0.6	0.6	Pass
Malathion and malaoxon *	< 1	1	Pass
Mecarbam *	< 0.05	0.05	Pass
Methacriphos *	< 0.05	0.05	Pass
Methamidophos *	< 0.05	0.05	Pass
Methadithion *	< 0.2	0.2	Pass
Methoxychlor **	< 0.05	0.05	Pass
Mirex **	< 0.01	0.01	Pass
Monocrotophos *	< 0.1	0.1	Pass
Parathion-ethyl and paraoxon-ethyl *	< 0.5	0.5	Pass
Parathion-methyl and paraoxon-methyl **	< 0.2	0.2	Pass
Pendimethalin *	< 0.1	0.1	Pass
Pentachloroanisole **	< 0.01	0.01	Pass
Permethrin and isomers (sum of) **	< 1	1	Pass
Phosalone *	< 0.1	0.1	Pass
Phosmet *	< 0.05	0.05	Pass
Pipronyl Butoxide *	< 3	3	Pass
Pirimiphos Ethyl *	< 0.05	0.05	Pass
Pirimiphos-methyl **	< 4	4	Pass
Procymidone **	< 0.1	0.1	Pass
Profenofos *	< 0.1	0.1	Pass
Prothiophos **	< 0.05	0.05	Pass
Pyrethrum *	< 3	3	Pass
Quinalphos *	< 0.05	0.05	Pass
Quintozene **	< 1	1	Pass
S-421 **	< 0.02	0.02	Pass
Tecnazene **	< 0.05	0.05	Pass
Tetradifon **	< 0.3	0.3	Pass
Vinclozolin **	< 0.4	0.4	Pass

Chromatographic Conditions (*):

Method:	ATM-815-0308 - MODIFIED PANEL
Chromatographic Instrument:	UPLC
Ionization Method:	Electrospray Ionization
Mass Spectrometer:	Triple Quadrupole, MRM Mode

Chromatographic Conditions (**):

Method:	ATM-815-0308 - MODIFIED PANEL
Chromatographic Instrument:	GC
Ionization Method:	Atmospheric Pressure Gas Chromatography
Mass Spectrometer:	Triple Quadrupole, MRM Mode

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Production Manager

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Sample Preparation (* and **):

Mixed sample well. Ground to a fine powder or composited the contents of 10 capsules if needed. Transferred 500 mg of sample to a 15 mL centrifuge tube. Added 5.0 mL of extraction solvent and vortexed 30 seconds to mix. Sonicated for 30 minutes at room temperature. Let cool and centrifuged for 5 minutes at 4,000 RPM. Transferred 1 mL of supernatant to a dSPE tube and mixed at 15 Hz for 1 minute. Centrifuged at 10,000 RPM for 2 minutes. Transferred to vials for analysis.

Notes:

OOS Reference: N/A

Batch ID: GC 260917555, LC 260917555

Notes: N/A

Additional Note:

This is a USP <561> MODIFIED PANEL which does not include the pesticide analysis of Inorganic Bromide and Dithiocarbamate.

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