Columbia LABORATORIES
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number:	26-008870/D001.R000
Report Date:	07/31/2026
Purchase Order:	
Received:	07/20/26 03:59 PM

Cover Letter

Mushasegee LLC dba Carolina Cordyceps
417 Cedar Valley Rd, POB 89
Tuckasegee North Carolina 28783
United States of America (USA)

Dear Lauren Trad,

Enclosed please find Columbia Laboratories analytical report for samples received as order number 26-008870 on 07/20/2026 at 15:59. Should you have any questions about this report or any other matter, please do not hesitate to contact us. We are here to help you.

Thank you for allowing Columbia Laboratories to be of service to you, we appreciate your business.

Sincerely,

Derrick Tanner
General Manager

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Customer: Mushasegee LLC dba Carolina Cordyceps
417 Cedar Valley Rd, POB 89
Tuckasegee North Carolina 28783
United States of America (USA)

Sample ID: SB02
Sample Matrix: Mushroom
Laboratory ID: 26-008870-0001-00
Evidence of Cooling: No
Temp: 24.8 °C
Lot #: 261401/261501/261601/261701/261801

Sample Results

Individual Pesticides

USP-561 Pesticides

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Inorganic Bromide	< LOQ	mg/kg	50.0	07/31/26	EURL-QuPPe-PO v12.2þ	
Dithiocarbamates (CS2)	< LOQ	mg/kg	1.00	07/22/26	EURL-SRM-14 v3.1þ	

Metals

Heavy Metals Profile A

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Arsenic	0.174	mg/kg	0.0199	07/22/26	AOAC 2013.06 (mod.)þ	
Cadmium	0.0387	mg/kg	0.0199	07/22/26	AOAC 2013.06 (mod.)þ	
Lead	< LOQ	mg/kg	0.0199	07/22/26	AOAC 2013.06 (mod.)þ	
Mercury	< LOQ	mg/kg	0.00997	07/22/26	AOAC 2013.06 (mod.)þ	

Microbiology

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Aerobic Plate Count	19,200	cfu/g	100	07/23/26	AOAC 990.12 (Petrifilm)þ	
Staphylococcus aureus	< LOQ	cfu/g	10	07/22/26	AOAC 2003.07þ	
Salmonella spp.	Negative	/25g		07/23/26	AOAC 2020.02þ	
EHEC including STEC	Negative	/25g		07/23/26	AOAC 2020.06þ 1	

E. coli/Coliform Count (EC) Plate

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	10	07/23/26	AOAC 991.14 (Petrifilm)þ	
Total Coliforms	< LOQ	cfu/g	10	07/23/26	AOAC 991.14 (Petrifilm)þ	

1) Enterohemorrhagic Escherichia coli

Pesticides

USP-561 Pesticides
Method: AOAC 2007.01þ **Unit:** mg/kg **Analyzed:** 07/29/26

Analyte	Result	LOQ	Notes	Analyte	Result	LOQ	Notes

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Pesticides

USP-561 Pesticides

Method: AOAC 2007.01[þ] **Unit:** mg/kg **Analyzed:** 07/29/26

Analyte	Result	LOQ	Notes	Analyte	Result	LOQ	Notes
Acephate	< LOQ	0.050		Alachlor	< LOQ	0.020	
Aldrin and Dieldrin (sum of)	< LOQ	0.020		Azinphos-ethyl	< LOQ	0.050	
Azinphos-methyl	< LOQ	0.50		BHC-gamma (Lindane)	< LOQ	0.30	
Bromophos-ethyl	< LOQ	0.020		Bromophos-methyl	< LOQ	0.020	
Bromopropylate	< LOQ	1.00		Chlordane (sum of cis-, trans-, and oxychlordane)	< LOQ	0.040	
Chlorfenvinphos	< LOQ	0.20		Chlorpyrifos-ethyl	< LOQ	0.100	
Chlorpyrifos-methyl	< LOQ	0.050		Chlorthal-dimethyl (Dacthal, DCPA)	< LOQ	0.010	
Cyfluthrin (sum)	< LOQ	0.050		Cyhalothrin,lambda	< LOQ	0.500	
Cypermethrin (sum)	< LOQ	0.500		DDT (sum of DDT, DDE, and DDD)	< LOQ	0.500	
Deltamethrin	< LOQ	0.200		Diazinon	< LOQ	0.200	
Dichlofluanid	< LOQ	0.050		Dichlorvos	< LOQ	0.500	
Dicofol	< LOQ	0.200		Dimethoate and omethoate (sum of)	< LOQ	0.050	
Endosulfan (sum of isomers and endosulfan sulfate)	< LOQ	1.00		Endrin	< LOQ	0.020	
Ethion	< LOQ	1.00		Etrimfos	< LOQ	0.020	
Fenchlorophos (sum of fenchlorphos and fenchlorophos-oxon)	< LOQ	0.050		Fenitrothion	< LOQ	0.200	
Fenpropathrin	< LOQ	0.020		Fensulfothion (sum of fensulfothion, fensulfothion-oxon, fensulfothion-oxon sulfone, and fensulfothion-sulfone)	< LOQ	0.050	
Fenthion (sum of fenthion, fenthion-oxon, fenthion-oxon-sulfone, fenthion-oxon-sulfoxide, fenthion-sulfone, and fenthion-sulfoxide)	< LOQ	0.050		Fenvalerate	< LOQ	0.500	
Flucythrinate	< LOQ	0.030		Fonofos	< LOQ	0.020	
Heptachlor (sum of heptachlor, cis-heptachlor epoxide, and trans-heptachlor epoxide)	< LOQ	0.050		Hexachlorobenzene	< LOQ	0.050	
Hexachlorocyclohexane (sum of α, β, δ, ε isomers)	< LOQ	0.100		Malathion and malaoxon (sum of)	< LOQ	0.500	
Mecarbam	< LOQ	0.020		Methacrifos	< LOQ	0.020	
Methamidophos	< LOQ	0.020		Methidathion	< LOQ	0.100	
Methoxychlor	< LOQ	0.020		Mirex	< LOQ	0.010	
Monocrotophos	< LOQ	0.050		Parathion-ethyl and paraoxon-ethyl (sum of)	< LOQ	0.200	
Parathion-methyl and Paraoxon-methyl (sum of)	< LOQ	0.100		Pendimethalin	< LOQ	0.050	
Pentachloroanisole	< LOQ	0.010		Permethrin	< LOQ	0.500	
Phosalone	< LOQ	0.050		Phosmet	< LOQ	0.020	
Piperonyl butoxide	< LOQ	1.00		Pirimiphos-ethyl	< LOQ	0.020	
Pirimiphos-methyl (sum of pirimiphos-methyl and N-desethyl-pirimiphos-methyl)	< LOQ	2.00		Procymidone	< LOQ	0.050	
Profenofos	< LOQ	0.050		Prothiofos	< LOQ	0.020	
Pyrethrum (sum of cinerin I, cinerin II, jasmolin I, jasmolin II, pyrethrin I, and pyrethrin II)	< LOQ	1.00		Quinalphos	< LOQ	0.020	
Quintozene (sum of quintozene, pentachloroaniline, and methyl pentachlorophenyl sulfide)	< LOQ	0.500		S-421	< LOQ	0.020	

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Pesticides

USP-561 Pesticides
Method: AOAC 2007.01þ **Unit:** mg/kg **Analyzed:** 07/29/26

Analyte	Result	LOQ	Notes	Analyte	Result	LOQ	Notes
Tau-fluvalinate	< LOQ	0.020		Tecnazene	< LOQ	0.020	
Tetradifon	< LOQ	0.100		Vinclozolin	< LOQ	0.200	

Abbreviations
Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

þ = ISO/IEC 17025:2017 accredited method.

Units of Measure
/25g = Per 25g
cfu/g = Colony forming units per gram
mg/kg = Milligram per kilogram = parts per million (ppm)

Approved Signatory

Derrick Tanner
General Manager

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Chain of Custody

Mushasegee-LLC-dba-Carolina-Cordys-1783710956

Company Details
Company: Mushasegee LLC dba Carolina Cordys
Contact: Lauren Trad
Street Address: 417 Cedar Valley Rd, POB 89
City, State, Zip: Tuckasegee, NC 28783
Email: accounting@carolinacordys.com
Email, CC: chris@carolinacordys.com
Contact Phone: 904-635-6548
Company Phone: 828-283-0733

Billing Information
Billing Phone: 828-283-0733
Billing Email: accounting@carolinacordys.com

Project Details
Report Turnaround Time: 8 Business Days | Standard
Sample Relinquishment Options: By Shipping Service (USPS, UPS, Fedex)
Report Type: All Samples on One Report
Samples fall within the definition of Drug product or Component as per FDA cGMP, 21 CFR Part 210.3?: No

Receipt Information
Evidence of Cooling?: No
Sample Condition: Satisfactory
Prelog Storage: Food Shelves

#	Sample Name	Lot | Additional Sample ID	Material	Amount Provided	Testing						
					M272 - EHEC including STEC by PCR	M075 - E. coli/Coliform Count (EC) Petrifilm	M216 - Salmonella spp. by PCR	M206 - Staphylococcus aureus AOAC2003.07	N1700 - Heavy Metals Profile A	P7561 - USP-561 Pesticides	M203 - Aerobic Count (AC) Petrifilm
1	SB02	261401/261501/261601/261701/261801	Mushroom	150 g	✓	✓	✓	✓	✓	✓	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL #
Lauren Trad	07/10/2026	15:04 PDT	cnn	07/20/2026	15:59 PDT	24.80	CL-1243

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of services associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

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info.cfl@tentamus.com

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