

SAMPLE DETAILS
SAMPLE NAME: PPT-30-0300 30ct 300Mg Peanut Butter Hard Dog Treats

Infused, Solid Edible

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: cbdMD

License Number:

Address:

SAMPLE DETAIL

Batch Number: 251112MAR24111210P

B

Sample ID: 241119P024

Date Collected: 11/19/2024

Date Received: 11/19/2024

Batch Size:

Sample Size: 1.0 units

Unit Mass: 3.629 grams per Unit

Serving Size: 3.629 grams per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: Not Detected

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

 Total THC = $\Delta^9\text{-THC} + (\text{THCa} (0.877))$

 Total CBD = $\text{CBD} + (\text{CBDA} (0.877))$

 Sum of Cannabinoids = $\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDA} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVA} + \text{CBC} + \text{CBCA} + \text{CBDV} + \text{CBDVA} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

 Total Cannabinoids = $(\Delta^9\text{-THC} + 0.877 \times \text{THCa}) + (\text{CBD} + 0.877 \times \text{CBDA}) + (\text{CBG} + 0.877 \times \text{CBGa}) + (\text{THCV} + 0.877 \times \text{THCVA}) + (\text{CBC} + 0.877 \times \text{CBCA}) + (\text{CBDV} + 0.877 \times \text{CBDVA}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$
Total CBD: 10.161 mg/unit
Sum of Cannabinoids: 10.978 mg/unit
Total Cannabinoids: 10.978 mg/unit
SAFETY ANALYSIS - SUMMARY
 $\Delta^9\text{-THC}$ per Unit: PASS
 $\Delta^9\text{-THC}$ per Serving: PASS
Pesticides: PASS
Mycotoxins: PASS
Residual Solvents: PASS
Heavy Metals: PASS
Microbiology (PCR): PASS
Microbiology (Plating): DETECTED

For quality assurance purposes. Not a Regulatory Hemp 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.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), $\mu\text{g/g} = \text{ppm}$, $\mu\text{g/kg} = \text{ppb}$, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)



Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 12/12/2024

Amendment to Certificate of Analysis 241119P024-002



DATE ISSUED 12/12/2024

Cannabinoid Analysis

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

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: Not Detected

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 10.161 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDs: 10.978 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: 0.352 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: <LOQ

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.098 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 11/20/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	± 0.1044	2.800	0.2800
CBN	0.001 / 0.007	± 0.0029	0.101	0.0101
CBG	0.002 / 0.006	± 0.0047	0.097	0.0097
CBDV	0.002 / 0.012	± 0.0011	0.027	0.0027
CBC	0.003 / 0.010	N/A	<LOQ	<LOQ
Δ^9 -THC	0.002 / 0.014	N/A	ND	ND
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDa	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDs			3.025 mg/g	0.3025%

Unit Mass: 3.629 grams per Unit / Serving Size: 3.629 grams per Serving

Δ^9 -THC per Unit	110 per package limit	ND	PASS
Δ^9 -THC per Serving		ND	PASS
Total THC per Unit		ND	
Total THC per Serving		ND	
CBD per Unit	10.161 mg/unit		
CBD per Serving	10.161 mg/serving		
Total CBD per Unit	10.161 mg/unit		
Total CBD per Serving	10.161 mg/serving		
Sum of Cannabinoids per Unit	10.978 mg/unit		
Sum of Cannabinoids per Serving	10.978 mg/serving		
Total Cannabinoids per Unit	10.978 mg/unit		
Total Cannabinoids per Serving	10.978 mg/serving		



DATE ISSUED 12/12/2024



Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 11/22/2024 ✓ PASS

COMPOUND	LOD/LOQ ($\mu\text{g/g}$)	ACTION LIMIT ($\mu\text{g/g}$)	MEASUREMENT UNCERTAINTY ($\mu\text{g/g}$)	RESULT ($\mu\text{g/g}$)	RESULT
Abamectin	0.03 / 0.10	0.3	N/A	ND	PASS
Acephate	0.02 / 0.07	5	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	4	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	5	N/A	ND	PASS
Aldicarb	0.03 / 0.08	\geq LOD	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	40	N/A	ND	PASS
Bifenazate	0.01 / 0.04	5	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	0.5	N/A	ND	PASS
Boscalid	0.03 / 0.09	10	N/A	ND	PASS
Captan	0.19 / 0.57	5	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Carbofuran	0.02 / 0.05	\geq LOD	N/A	ND	PASS
Chlorantraniliprole	0.04 / 0.12	40	N/A	ND	PASS
Chlordane*	0.03 / 0.08	\geq LOD	N/A	ND	PASS
Chlorfenapyr*	0.03 / 0.10	\geq LOD	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	\geq LOD	N/A	ND	PASS
Clofentezine	0.03 / 0.09	0.5	N/A	ND	PASS
Coumaphos	0.02 / 0.07	\geq LOD	N/A	ND	PASS
Cyfluthrin	0.12 / 0.38	1	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Daminozide	0.02 / 0.07	\geq LOD	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.2	N/A	ND	PASS
Dichlorvos (DDVP)	0.03 / 0.09	\geq LOD	N/A	ND	PASS
Dimethoate	0.03 / 0.08	\geq LOD	N/A	ND	PASS
Dimethomorph	0.03 / 0.09	20	N/A	ND	PASS
Ethoprophos	0.03 / 0.10	\geq LOD	N/A	ND	PASS
Etofenprox	0.02 / 0.06	\geq LOD	N/A	ND	PASS
Etoxazole	0.02 / 0.06	1.5	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	10	N/A	ND	PASS
Fenoxy carb	0.03 / 0.08	\geq LOD	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	2	N/A	ND	PASS
Fipronil	0.03 / 0.08	\geq LOD	N/A	ND	PASS
Flonicamid	0.03 / 0.10	2	N/A	ND	PASS
Fludioxonil	0.03 / 0.10	30	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	2	N/A	ND	PASS
Imazalil	0.02 / 0.06	\geq LOD	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	3	N/A	ND	PASS
Kresoxim-methyl	0.02 / 0.07	1	N/A	ND	PASS
Malathion	0.03 / 0.09	5	N/A	ND	PASS
Metalauxyl	0.02 / 0.07	15	N/A	ND	PASS
Methiocarb	0.02 / 0.07	\geq LOD	N/A	ND	PASS

Continued on next page



Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 11/22/2024 *continued* PASS

COMPOUND	LOD/LOQ ($\mu\text{g/g}$)	ACTION LIMIT ($\mu\text{g/g}$)	MEASUREMENT UNCERTAINTY ($\mu\text{g/g}$)	RESULT ($\mu\text{g/g}$)	RESULT
Methomyl	0.03 / 0.10	0.1	N/A	ND	PASS
Mevinphos	0.03 / 0.09	\geq LOD	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	9	N/A	ND	PASS
Naled	0.02 / 0.07	0.5	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.2	N/A	ND	PASS
Paclobutrazol	0.02 / 0.05	\geq LOD	N/A	ND	PASS
Parathion-methyl	0.03 / 0.10	\geq LOD	N/A	ND	PASS
Pentachloronitro-benzene (Quintozene)*	0.03 / 0.09	0.2	N/A	ND	PASS
Permethrin	0.04 / 0.12	20	N/A	ND	PASS
Phosmet	0.03 / 0.10	0.2	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	8	± 0.007	0.34	PASS
Prallethrin	0.03 / 0.08	0.4	N/A	ND	PASS
Propiconazole	0.02 / 0.07	20	N/A	ND	PASS
Propoxur	0.03 / 0.09	\geq LOD	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	1	N/A	ND	PASS
Pyridaben	0.02 / 0.07	3	N/A	ND	PASS
Spinetoram	0.02 / 0.07	3	N/A	ND	PASS
Spinosad	0.02 / 0.07	3	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	12	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	13	N/A	ND	PASS
Spiroxamine	0.03 / 0.08	\geq LOD	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	2	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	\geq LOD	N/A	ND	PASS
Thiamethoxam	0.03 / 0.10	4.5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	30	N/A	ND	PASS



Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

MYCOTOXIN TEST RESULTS - 11/22/2024 PASS

COMPOUND	LOD/LOQ ($\mu\text{g/kg}$)	ACTION LIMIT ($\mu\text{g/kg}$)	MEASUREMENT UNCERTAINTY ($\mu\text{g/kg}$)	RESULT ($\mu\text{g/kg}$)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS
Total Aflatoxin		20		ND	PASS



DATE ISSUED 12/12/2024

Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

RESIDUAL SOLVENTS TEST RESULTS - 11/21/2024 PASS

COMPOUND	LOD/LOQ ($\mu\text{g/g}$)	ACTION LIMIT ($\mu\text{g/g}$)	MEASUREMENT UNCERTAINTY ($\mu\text{g/g}$)	RESULT ($\mu\text{g/g}$)	RESULT
Propane	10 / 20	5000	N/A	ND	PASS
n-Butane	10 / 50	5000	N/A	ND	PASS
n-Pentane	20 / 50	5000	N/A	ND	PASS
n-Hexane	2 / 5	290	N/A	ND	PASS
n-Heptane	20 / 60	5000	N/A	ND	PASS
Benzene	0.03 / 0.09	1	N/A	ND	PASS
Toluene	7 / 21	890	N/A	ND	PASS
Total Xylenes	50 / 160	2170	N/A	ND	PASS
Methanol	50 / 200	3000	N/A	ND	PASS
Ethanol	20 / 50	5000	N/A	ND	PASS
2-Propanol (Isopropyl Alcohol)	10 / 40	5000	N/A	ND	PASS
Acetone	20 / 50	5000	N/A	ND	PASS
Ethyl Ether	20 / 50	5000	N/A	ND	PASS
Ethylene Oxide	0.3 / 0.8	1	N/A	ND	PASS
Ethyl Acetate	20 / 60	5000	N/A	ND	PASS
Chloroform	0.1 / 0.2	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	0.3 / 0.9	1	N/A	ND	PASS
Trichloroethylene	0.1 / 0.3	1	N/A	ND	PASS
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND	PASS
Acetonitrile	2 / 7	410	N/A	ND	PASS

Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 11/23/2024 PASS

COMPOUND	LOD/LOQ ($\mu\text{g/g}$)	ACTION LIMIT ($\mu\text{g/g}$)	MEASUREMENT UNCERTAINTY ($\mu\text{g/g}$)	RESULT ($\mu\text{g/g}$)	RESULT
Arsenic	0.02 / 0.1	1.5	N/A	ND	PASS
Cadmium	0.02 / 0.05	0.5	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	3	N/A	ND	PASS

Microbiology Analysis

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 11/23/2024 PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
<i>Listeria monocytogenes</i>		ND	
<i>Salmonella</i> spp.	Not Detected in 1g	ND	PASS
Shiga toxin-producing <i>Escherichia coli</i>	Not Detected in 1g	ND	PASS



DATE ISSUED 12/12/2024



Microbiology Analysis *Continued*

MICROBIOLOGY TEST RESULTS (PLATING) - 11/23/2024 DETECTED

COMPOUND	RESULT (cfu/g)
Total Aerobic Bacteria	100.0
Total Yeast and Mold	400.0

NOTES

Reason for Amendment: Result Change - Dilution Farm Bill
Compliant: Product contains a total $\Delta 9$ -tetrahydrocannabinol content that does not exceed 0.3%