

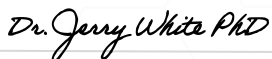
Muha Meds - D10 1g Cart - Pineapple Express

**Δ10-THC**
88.8539%**Total CBD**
1.1366%**THCV**
2.4063%**Total
Cannabinoids**
92.1076%**Sum
Cannabinoids**
92.1437%**Sample**

Account: **Green Acre Management (Muha Meds)**
Sample ID: **1921731**
Sample Matrix: **Distillate**
Lot / Batch: **150D10**
Package Size: **N/A**
Serving Size: **N/A**
Received Date: **04/11/23**
Completed Date: **04/14/23**

Cannabinoids**TESTED****Residual Solvents****PASS****Mycotoxins****PASS****Chemical Residues****PASS****Heavy Metals****PASS**

Quality Review



Jerry White, PhD
Chief Scientific Officer
04/14/23

Data Review



Bryan Zahakaylo
Analyst
04/14/23

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Sample ID: **1921731**
Expiration Date: **04/14/24**



Chemical Residues Analysis

PASS

Analytical Technique: **HPLC-MS/MS**

Instrumentation: **5500**

Method: **SOP-003**

Analysis Performed: **04/11/23**

Panel Completed: **04/14/23**

Analyte	LOD (µg/g)	LOQ(µg/g)	Action Limit (µg/g)	Results (µg/g)	
Abamectin	0.0333	0.1000	0.10	ND	PASS
Acephate	0.0333	0.1000	0.10	ND	PASS
Acequinocyl	0.0333	0.1000	0.10	ND	PASS
Acetamiprid	0.0333	0.1000	0.10	ND	PASS
Aldicarb	0.0333	0.1000	>LOD	ND	PASS
Azoxystrobin	0.0333	0.1000	0.10	ND	PASS
Bifenazate	0.0333	0.1000	0.10	ND	PASS
Bifenthrin	0.0333	0.1000	3.00	ND	PASS
Boscalid	0.0333	0.1000	0.10	ND	PASS
Carbaryl	0.0333	0.1000	0.50	ND	PASS
Carbofuran	0.0333	0.1000	>LOD	ND	PASS
Chlorantraniliprole	0.0333	0.1000	10.00	ND	PASS
Chlorpyrifos	0.0333	0.1000	>LOD	ND	PASS
Clofentezine	0.0333	0.1000	0.10	ND	PASS
Coumaphos	0.0333	0.1000	>LOD	ND	PASS
Daminozide	0.0333	0.1000	>LOD	ND	PASS
Diazinon	0.1000	0.1000	0.10	ND	PASS
Dichlorvos	0.0333	0.1000	>LOD	ND	PASS
Dimethoate	0.0333	0.1000	>LOD	ND	PASS
Dimethomorph	0.0333	0.1000	2.00	ND	PASS
Ethoprophos	0.0333	0.1000	>LOD	ND	PASS
Etofenprox	0.0333	0.1000	>LOD	ND	PASS
Etoxazole	0.0333	0.1000	0.10	ND	PASS
Fenhexamid	0.0333	0.1000	0.10	ND	PASS
Fenoxycarb	0.0333	0.1000	>LOD	ND	PASS
Fenpyroximate	0.0333	0.1000	0.10	ND	PASS
Fipronil	0.0333	0.1000	>LOD	ND	PASS
Flonicamid	0.0333	0.1000	0.10	ND	PASS
Fludioxonil	0.0333	0.1000	0.10	ND	PASS
Hexythiazox	0.0333	0.1000	0.10	ND	PASS
Imazalil	0.0333	0.1000	>LOD	ND	PASS
Imidacloprid	0.0333	0.1000	5.00	ND	PASS
Kresoxim-Methyl	0.0333	0.1000	0.10	ND	PASS
Malathion	0.0333	0.1000	0.50	ND	PASS
Metalaxyl	0.0333	0.1000	2.00	ND	PASS
Methiocarb	0.0333	0.1000	>LOD	ND	PASS
Methomyl	0.0333	0.1000	1.00	ND	PASS
Mevinphos	0.0333	0.1000	>LOD	ND	PASS
Myclobutanil	0.0333	0.1000	0.10	ND	PASS
Naled	0.0333	0.1000	0.10	ND	PASS
Oxamyl	0.0333	0.1000	0.50	ND	PASS
Paclobutrazol	0.0333	0.1000	0.00	ND	PASS
Permethrin	0.0333	0.1000	0.50	ND	PASS
Phosmet	0.0333	0.1000	0.10	ND	PASS
Piperonyl Butoxide	0.0333	0.1000	3.00	ND	PASS
Prallethrin	0.0333	0.1000	0.10	ND	PASS
Propiconazole	0.0333	0.1000	0.10	ND	PASS
Propoxur	0.0333	0.1000	0.00	ND	PASS
Pyrethrins	0.0333	0.1000	0.50	ND	PASS
Pyridaben	0.0333	0.1000	0.10	ND	PASS
Spinetoram	0.0333	0.1000	0.10	ND	PASS
Spinosad	0.0333	0.1000	0.10	ND	PASS
Spiromesifen	0.0333	0.1000	0.10	ND	PASS
Spirotetramat	0.0333	0.1000	0.10	ND	PASS
Spiroxamine	0.0333	0.1000	0.00	ND	PASS
Tebuconazole	0.0333	0.1000	0.10	ND	PASS
Thiacloprid	0.0333	0.1000	0.00	ND	PASS
Thiamethoxam	0.0333	0.1000	5.00	ND	PASS
Trifloxystrobin	0.0333	0.1000	0.10	ND	PASS
Captan	0.2310	0.7000	0.70	ND	PASS
Chlordane	0.0116	0.0350	>LOD	ND	PASS
Chlorfenapyr	0.0058	0.0175	>LOD	ND	PASS
Cyfluthrin	0.0231	0.0700	2.00	ND	PASS
Cypermethrin	0.0231	0.0700	1.00	ND	PASS
Methyl Parathion	0.0058	0.0175	>LOD	ND	PASS
Pentachloronitrobenzene	0.0231	0.0700	0.10	ND	PASS

Analytical Technique: **GC-MS/MS**

Instrumentation: **8050**

Method: **SOP-003**

Analysis Performed: **04/11/23**

Panel Completed: **04/14/23**


Cannabinoids Analysis TESTED

Analytical Technique: **HPLC UV VIS**
Instrumentation: **2030D**
Method: **SOP-001**
Analysis Performed: **04/11/23**
Panel Completed: **04/14/23**

CBD per serving: **N/A mg**
CBD per package: **N/A mg**
Total CBD: **1.1366%, 11.366 mg/g**

Sum Cannabinoids: **92.1437%, 921.437 mg/g**
Total Cannabinoids: **92.1076%, 921.076 mg/g**

Sum Cannabinoids = Acidic Cannabinoids + Neutral Cannabinoids

Analyte	LOD (mg/g)	LOQ (mg/g)	Results (mg/g)	Results (%)
Cannabidiol (CBD)	1.1556	2.3113	ND	ND
Cannabidiolol Acid (CBDA)	1.1556	2.3113	2.931	0.2931
Cannabigerolol Acid (CBGA)	1.1556	2.3113	ND	ND
Cannabigerol (CBG)	1.1556	2.3113	ND	ND
Cannabidiol (CBD)	1.1556	2.3113	1.1366	0.1136
Tetrahydrocannabinol (THCV)	1.1556	2.3113	24.063	2.4063
Cannabinol (CBN)	1.1556	2.3113	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THC)	1.1556	2.3113	888.539	88.8539
Δ8-Tetrahydrocannabinol (Δ8-THC)	1.1556	2.3113	ND	ND
Cannabichromene (CBC)	1.1556	2.3113	ND	ND
Δ9-Tetrahydrocannabinolol Acid (Δ9-THCA)	1.1556	2.3113	ND	ND

Total Cannabinoids = (Acidic Cannabinoids x 0.877) + Neutral Cannabinoids

Total THC = (THCA x 0.877) + Δ9-THC

Total CBD = (CBDA x 0.877) + CBD

Residual Solvents Analysis PASS

Analytical Technique: **GC-MS**
Instrumentation: **2020**
Method: **SOP-004**
Analysis Performed: **04/11/23**
Panel Completed: **04/14/23**

Analyte	LOD (μg/g)	LOQ (μg/g)	Action Limit (μg/g)	Results (μg/g)	
1,2-Dichloroethane	0.1547	0.4688	1.00	ND	PASS
Acetone	15.4688	46.875	5000.00	ND	PASS
Acetonitrile	15.4688	46.875	410.00	ND	PASS
Benzene	0.1547	0.4688	1.00	ND	PASS
Butane	15.4688	46.875	5000.00	ND	PASS
Chloroform	0.1547	0.4688	1.00	ND	PASS
Ethanol	15.4688	46.875	5000.00	ND	PASS
Ethyl acetate	15.4688	46.875	5000.00	ND	PASS
Ethyl ether	15.4688	46.875	5000.00	ND	PASS
Ethylene oxide	0.1547	0.4688	1.00	ND	PASS
Heptane	15.4688	46.875	5000.00	ND	PASS
Hexane	15.4688	46.875	290.00	ND	PASS
Isopropyl alcohol	15.4688	46.875	5000.00	247.994	PASS
Methanol	15.4688	46.875	3000.00	ND	PASS
Methylene chloride	0.1547	0.4688	1.00	ND	PASS
Pentane	15.4688	46.875	5000.00	ND	PASS
Propane	15.4688	46.875	5000.00	ND	PASS
Toluene	15.4688	46.875	890.00	ND	PASS
Trichloroethylene	0.1547	0.4688	1.00	ND	PASS
Total xylenes	-	-	2170.00	ND	PASS
(meta, para-xylene)	46.4063	140.625	-	ND	
(ortho-xylene)	46.4063	140.625	-	ND	

Mycotoxins Analysis PASS

Analytical Technique: **HPLC-MS/MS**
Instrumentation: **5500**
Method: **SOP-003**
Analysis Performed: **04/11/23**
Panel Completed: **04/14/23**

Analyte	LOD (μg/kg)	LOQ (μg/kg)	Action Limit (μg/kg)	Results (μg/kg)	
Ochratoxin A	6.6000	20.0000	20	ND	PASS
Total Aflatoxins	-	-	20	ND	PASS
(Aflatoxin B1)	1.7000	5.0000	-	ND	
(Aflatoxin B2)	1.7000	5.0000	-	ND	
(Aflatoxin G1)	1.7000	5.0000	-	ND	
(Aflatoxin G2)	1.7000	5.0000	-	ND	

Heavy Metals Analysis PASS

Analytical Technique: **ICP-MS**
Instrumentation: **Nexion**
Method: **SOP-005**
Analysis Performed: **04/11/23**
Panel Completed: **04/14/23**

Analyte	LOD (μg/g)	LOQ (μg/g)	Action Limit (μg/g)	Results (μg/g)	
Arsenic 75	0.0165	0.0500	0.200	ND	PASS
Cadmium 111	0.0165	0.0500	0.200	ND	PASS
Lead 208	0.0413	0.1250	0.500	ND	PASS
Mercury 202	0.0033	0.0100	0.100	ND	PASS

