

10-1 Gummy-Blueberry Lemon



Total CBD

1.839%
27.59 mg
per serving
1103.41 mg
per package

Total THC

0.156%
2.35 mg
per serving
93.83 mg
per package

Total CBG

0.036%
0.53 mg
per serving
21.37 mg
per package

Sample

Account: Trojan Horse Cannabis
Sample ID: 4001880
Sample Type: (Edible - weight)
Sample Matrix: Gummy
Lot / Batch: 90401011021
Serving Size: 1.5 g
Package Size: 60 g
Received Date: 12/28/21
Completed Date: 01/06/22

Cannabinoids

TESTED

Residual Solvents

PASS

Microbials

PASS

Mycotoxins

PASS

Heavy Metals

PASS

Chemical Residues

PASS

Water Activity

PASS

Foreign Materials

PASS

Data Review

Mike Tunis

Mike Tunis
Laboratory Director
01/06/22

Quality Review

Jacob Payette

Jacob Payette
Scientist II
01/06/22



Cannabinoids Analysis TESTED

Analytical Technique: **HPLC-PDA**
Instrumentation: **IR-ALTUS02**
Method: **SOP-001**
Analysis Completed: **12/30/21**

Sum Cannabinoids: **2.109%, 21.09 mg/g**
Total Cannabinoids: **2.109%, 21.09 mg/g**
Total THC: **0.156%, 1.56 mg/g**
Total CBD: **1.839%, 18.39 mg/g**

Analyte	LOD (mg/g)	LOQ (mg/g)	Results (mg/g)	Results (%)
Cannabidiol (CBD)	0.023	0.114	ND	ND
Cannabidiol (CBD)	0.023	0.114	ND	ND
Cannabidiol (CBD)	0.023	0.114	ND	ND
Cannabidiol (CBD)	0.023	0.114	ND	ND
Cannabidiol (CBD)	0.023	0.114	0.36	0.036
Cannabidiol (CBD)	0.023	0.114	18.39	1.839
Tetrahydrocannabinol (THCV)	0.023	0.114	ND	ND
Cannabinol (CBN)	0.023	0.114	<1	<0.100
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.023	0.114	1.56	0.156
Δ8-Tetrahydrocannabinol (Δ8-THC)	0.023	0.114	ND	ND
Cannabichromene (CBC)	0.023	0.114	0.78	0.078
Δ9-Tetrahydrocannabinolic Acid (Δ9-THCA)	0.023	0.114	ND	ND

Sum Cannabinoids = Acidic Cannabinoids + Neutral Cannabinoids

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: **IR-CLARIS01**
Method: **SOP-004**
Analysis Completed: **01/05/22**

Analyte	LOD (μg/g)	LOQ (μg/g)	Action Limit (μg/g)	Results (μg/g)	
1,2-Dichloroethane	0.39	0.78	1.00	ND	PASS
Acetone	62.50	125.00	5000.00	ND	PASS
Acetonitrile	62.50	125.00	410.00	ND	PASS
Benzene	0.39	0.78	1.00	ND	PASS
Butane	62.50	125.00	5000.00	ND	PASS
Chloroform	0.39	0.78	1.00	ND	PASS
Ethanol	62.50	125.00	5000.00	551.88	PASS
Ethyl acetate	62.50	125.00	5000.00	ND	PASS
Ethyl ether	62.50	125.00	5000.00	ND	PASS
Ethylene oxide	0.39	0.78	1.00	ND	PASS
Heptane	62.50	125.00	5000.00	ND	PASS
Hexane	62.50	125.00	290.00	ND	PASS
Isopropyl alcohol	62.50	125.00	5000.00	ND	PASS
Methanol	62.50	125.00	3000.00	ND	PASS
Methylene chloride	0.39	0.78	1.00	ND	PASS
Pentane	62.50	125.00	5000.00	ND	PASS
Propane	62.50	125.00	5000.00	ND	PASS
Toluene	62.50	125.00	890.00	ND	PASS
Trichloroethylene	0.39	0.78	1.00	ND	PASS
Total xylenes	-	-	2170.00	ND	PASS
(meta, para-xylene)	125.00	250.00	-	ND	
(ortho-xylene)	62.50	125.00	-	ND	

Microbials Analysis PASS

Analytical Technique: **qPCR**
Instrumentation: **IR-ARIAMX01**
Method: **SOP-006**
Analysis Completed: **01/05/22**

Analyte	LOD	Action Limit	Results	
Aspergillus flavus	2 DNA copies	Detected in 1 gram	ND	PASS
Aspergillus fumigatus	2 DNA copies	Detected in 1 gram	ND	PASS
Aspergillus niger	20 DNA copies	Detected in 1 gram	ND	PASS
Aspergillus terreus	2 DNA copies	Detected in 1 gram	ND	PASS
Salmonella spp.	10 DNA copies	Detected in 1 gram	ND	PASS
Escherichia coli (STEC)	2 DNA copies	Detected in 1 gram	ND	PASS

Mycotoxins Analysis PASS

Analytical Technique: **HPLC-MS/MS**
Instrumentation: **IR-QSIGHT02**
Method: **SOP-003**
Analysis Completed: **01/05/22**

Analyte	LOD (μg/kg)	LOQ (μg/kg)	Action Limit (μg/kg)	Results (μg/kg)	
Ochratoxin A	4.040	10.100	20	ND	PASS
Total Aflatoxins	-	-	20	ND	PASS
(Aflatoxin B1)	2.020	4.040	-	ND	
(Aflatoxin B2)	2.020	4.040	-	ND	
(Aflatoxin G1)	2.020	4.040	-	ND	
(Aflatoxin G2)	2.020	4.040	-	ND	

Heavy Metals Analysis PASS

Analytical Technique: **ICP-MS**
Instrumentation: **IR-NEXION01**
Method: **SOP-005**
Analysis Completed: **01/06/22**

Analyte	LOD (μg/g)	LOQ (μg/g)	Action Limit (μg/g)	Results (μg/g)	
Arsenic 75	0.050	0.100	0.200	ND	PASS
Cadmium 111	0.050	0.100	0.200	ND	PASS
Lead 208	0.050	0.100	0.500	ND	PASS
Mercury 202	0.005	0.010	0.100	ND	PASS



Chemical Residues Analysis PASS

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

Instrumentation (ESI): **IR-QSIGHT02**

Instrumentation (APCI): **IR-QSIGHT02**

Method: **SOP-003**

Analysis Completed: **01/05/22**

Analyte	LOD (µg/g)	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	
Abamectin	0.050	0.100	0.30	ND	PASS
Acephate	0.010	0.020	5.00	ND	PASS
Acequinocyl	0.020	0.050	4.00	ND	PASS
Acetamiprid	0.010	0.020	5.00	ND	PASS
Aldicarb	0.050	0.100	>LOD	ND	PASS
Azoxystrobin	0.010	0.020	40.00	ND	PASS
Bifenazate	0.010	0.020	5.00	ND	PASS
Bifenthrin	0.020	0.050	0.50	ND	PASS
Boscalid	0.020	0.050	10.00	ND	PASS
Captan	0.050	0.100	5.00	ND	PASS
Carbaryl	0.010	0.020	0.50	ND	PASS
Carbofuran	0.010	0.020	>LOD	ND	PASS
Chlorantraniliprole	0.020	0.050	40.00	ND	PASS
Chlordane	0.040	0.100	>LOD	ND	PASS
Chlorfenapyr	0.010	0.020	>LOD	ND	PASS
Chlorpyrifos	0.020	0.050	>LOD	ND	PASS
Clofentezine	0.020	0.050	0.50	ND	PASS
Coumaphos	0.010	0.020	>LOD	ND	PASS
Cyfluthrin	0.200	0.500	1.00	ND	PASS
Cypermethrin	0.100	0.200	1.00	ND	PASS
Daminozide	0.020	0.050	>LOD	ND	PASS
Diazinon	0.010	0.020	0.20	ND	PASS
Dichlorvos	0.020	0.050	>LOD	ND	PASS
Dimethoate	0.010	0.020	>LOD	ND	PASS
Dimethomorph	0.050	0.100	20.00	ND	PASS
Ethoprophos	0.010	0.020	>LOD	ND	PASS
Etofenprox	0.020	0.050	>LOD	ND	PASS
Etoxazole	0.010	0.020	1.50	ND	PASS
Fenhexamid	0.020	0.050	10.00	ND	PASS
Fenoxycarb	0.010	0.020	>LOD	ND	PASS
Fenpyroximate	0.020	0.050	2.00	ND	PASS
Fipronil	0.020	0.050	>LOD	ND	PASS
Flonicamid	0.020	0.050	2.00	ND	PASS
Fludioxonil	0.020	0.050	30.00	ND	PASS
Hexythiazox	0.020	0.050	2.00	ND	PASS
Imazalil	0.010	0.020	>LOD	ND	PASS
Imidacloprid	0.020	0.050	3.00	ND	PASS
Kresoxim-Methyl	0.020	0.050	1.00	ND	PASS
Malathion	0.020	0.050	5.00	ND	PASS
Metalaxyl	0.010	0.020	15.00	ND	PASS
Methiocarb	0.010	0.020	>LOD	ND	PASS
Methomyl	0.020	0.050	0.10	ND	PASS
Methyl Parathion	0.010	0.020	>LOD	ND	PASS
Mevinphos	0.020	0.050	>LOD	ND	PASS
Myclobutanil	0.010	0.020	9.00	ND	PASS
Naled	0.020	0.050	0.50	ND	PASS
Oxamyl	0.020	0.050	0.20	ND	PASS
Paclobutrazol	0.020	0.050	0.00	ND	PASS
Pentachloronitrobenzene	0.010	0.020	0.20	ND	PASS
Permethrin	0.050	0.100	20.00	ND	PASS
Phosmet	0.020	0.050	0.20	ND	PASS
Piperonyl Butoxide	0.010	0.020	8.00	ND	PASS
Prallethrin	0.020	0.050	0.40	ND	PASS
Propiconazole	0.020	0.050	20.00	ND	PASS
Propoxur	0.010	0.020	0.00	ND	PASS
Pyrethrins	0.030	0.060	1.00	ND	PASS
Pyridaben	0.010	0.020	3.00	ND	PASS
Spinetoram	0.030	0.060	3.00	ND	PASS
Spinosad	0.030	0.060	3.00	ND	PASS
Spiromesifen	0.020	0.050	12.00	ND	PASS
Spirotetramat	0.020	0.050	13.00	ND	PASS
Spiroxamine	0.010	0.020	0.00	ND	PASS
Tebuconazole	0.020	0.050	2.00	ND	PASS
Thiacloprid	0.020	0.050	0.00	ND	PASS
Thiamethoxam	0.020	0.050	4.50	ND	PASS
Trifloxystrobin	0.010	0.020	30.00	ND	PASS

Water Activity Analysis

PASS

Analytical Technique: **Vapor Pressure Ratio**

Instrumentation: **IR-AQUALAB02**

Method: **SOP-007**

Analysis Completed: **01/04/22**

Analyte	Detection Range (a _w)	Action Limit (a _w)	Results (a _w)	
Water Activity	0.25 - 1.0	0.85	0.6140	PASS

Foreign Material Analysis

PASS

Analytical Technique: **Digital Microscopy**

Instrumentation: **IR-DigMic01**

Method: **SOP-010**

Analysis Completed: **01/05/22**

Analyte	Action Limit	Results	
Sand, Soil, Cinders, or Dirt	> 1/4 total sample area covered	ND	PASS
Mold	> 1/4 total sample area covered	ND	PASS
Insect Fragments, Hairs, or Mammalian Excreta	> 1 count per 3.0 grams of sample	ND	PASS
Imbedded Foreign Material	> 1/4 total sample area covered	ND	PASS

THINK20
TESTED