

Organic Recovery Gummy



Total CBD

0.3463%

12.120 mg
per serving

363.595 mg
per package

Total CBC

0.2731%

9.559 mg
per serving

286.762 mg
per package

Total THC

0.0022%

0.076 mg
per serving

2.274 mg
per package

Sample

Account: **Barker Wellness**
Sample ID: **1922448**
Sample Type: **Edible - weight**
Sample Matrix: **Gummy**
Lot / Batch:
Package Size: **105 g**
Serving Size: **3.5 g**
Received Date: **08/24/22**
Completed Date: **08/31/22**

Cannabinoids

TESTED

Residual Solvents

PASS

Heavy Metals

PASS

Mycotoxins

PASS

Chemical Residues

PASS

Quality Review

Dr. Jerry White PhD

Jerry White, PhD
Chief Scientific Officer
08/31/22

Data Review

Bryan Zahakaylo

Bryan Zahakaylo
Analyst
08/31/22



Cannabinoids Analysis TESTED

Analytical Technique: **HPLC UV VIS**
 Instrumentation: **2030C**
 Method: **SOP-001**
 Analysis Performed: **08/25/22**
 Panel Completed: **08/26/22**

THC per serving: **<1 mg**
 THC per package: **<1 mg**
 Total THC: **0.0022%, 0.022 mg/g**

CBD per serving: **12.120 mg**
 CBD per package: **363.595 mg**
 Total CBD: **0.3463%, 3.463 mg/g**

Sum Cannabinoids: **0.6273%, 6.273 mg/g**
 Total Cannabinoids: **0.6270%, 6.270 mg/g**

Analyte	LOD (mg/g)	LOQ (mg/g)	Results (mg/g)	Results (%)
Cannabidiol (CBD)	0.0022	0.0044	0.027	0.0027
Cannabidiol Acid (CBDA)	0.0022	0.0044	ND	ND
Cannabigerolic Acid (CBGA)	0.0022	0.0044	ND	ND
Cannabigerol (CBG)	0.0022	0.0044	ND	ND
Cannabidiol (CBD)	0.0022	0.0044	3.463	0.3463
Tetrahydrocannabinol (THCV)	0.0022	0.0044	0.013	0.0013
Cannabinol (CBN)	0.0022	0.0044	0.016	0.0016
Δ 9-Tetrahydrocannabinol (Δ 9-THC)	0.0022	0.0044	<1	<0.100
Δ 8-Tetrahydrocannabinol (Δ 8-THC)	0.0022	0.0044	<1	<0.100
Cannabichromene (CBC)	0.0022	0.0044	2.731	0.2731
Δ 9-Tetrahydrocannabinolic Acid (Δ 9-THCA)	0.0022	0.0044	0.025	0.0025

Sum Cannabinoids = Acidic Cannabinoids + Neutral Cannabinoids

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

Total THC = (THCA x 0.877) + Δ 9-THC

Total CBD = (CBDA x 0.877) + CBD

Residual Solvents Analysis PASS

Analytical Technique: **GC-MS**
 Instrumentation: **2020**
 Method: **SOP-004**
 Analysis Performed: **08/24/22**
 Panel Completed: **08/25/22**

Analyte	LOD (μ g/g)	LOQ (μ g/g)	Action Limit (μ g/g)	Results (μ g/g)	Results (%)
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	ND	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	

Heavy Metals Analysis PASS

Analytical Technique: **ICP-MS**
 Instrumentation: **NexION**
 Method: **SOP-005**
 Analysis Performed: **08/24/22**
 Panel Completed: **08/24/22**

Analyte	LOD (μ g/g)	LOQ (μ g/g)	Action Limit (μ g/g)	Results (μ g/g)	Results (%)
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

Mycotoxins Analysis PASS

Analytical Technique: **HPLC-MS/MS**
 Instrumentation: **5500**
 Method: **SOP-003**
 Analysis Performed: **08/25/22**
 Panel Completed: **08/26/22**

Analyte	LOD (μ g/kg)	LOQ (μ g/kg)	Action Limit (μ g/kg)	Results (μ g/kg)	Results (%)
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	



Chemical Residues Analysis
PASS

Analytical Technique: **HPLC-MS/MS**
 Instrumentation: **5500**
 Method: **SOP-003**
 Analysis Performed: **08/25/22**
 Panel Completed: **08/26/22**

Analyte	LOD (µg/g)	LOQ(µg/g)	Action Limit (µg/g)	Results (µg/g)	
Abamectin	0.0333	0.1000	0.30	ND	PASS
Acephate	0.0333	0.1000	5.00	ND	PASS
Acequinocyl	0.0333	0.1000	4.00	ND	PASS
Acetamiprid	0.0333	0.1000	5.00	ND	PASS
Aldicarb	0.0333	0.1000	>LOD	ND	PASS
Azoxystrobin	0.0333	0.1000	40.00	ND	PASS
Bifenazate	0.0333	0.1000	5.00	ND	PASS
Bifenthrin	0.0333	0.1000	0.50	ND	PASS
Boscalid	0.0333	0.1000	10.00	ND	PASS
Carbaryl	0.0333	0.1000	0.50	ND	PASS
Carbofuran	0.0333	0.1000	>LOD	ND	PASS
Chlorantraniliprole	0.0333	0.1000	40.00	ND	PASS
Chlorpyrifos	0.0333	0.1000	>LOD	ND	PASS
Clofentezine	0.0333	0.1000	0.50	ND	PASS
Coumaphos	0.0333	0.1000	>LOD	ND	PASS
Daminozide	0.0333	0.1000	>LOD	ND	PASS
Diazinon	0.1000	0.1000	0.20	ND	PASS
Dichlorvos	0.0333	0.1000	>LOD	ND	PASS
Dimethoate	0.0333	0.1000	>LOD	ND	PASS
Dimethomorph	0.0333	0.1000	20.00	ND	PASS
Ethoprophos	0.0333	0.1000	>LOD	ND	PASS
Etofenprox	0.0333	0.1000	>LOD	ND	PASS
Etoxazole	0.0333	0.1000	1.50	ND	PASS
Fenhexamid	0.0333	0.1000	10.00	ND	PASS
Fenoxycarb	0.0333	0.1000	>LOD	ND	PASS
Fenpyroximate	0.0333	0.1000	2.00	ND	PASS
Fipronil	0.0333	0.1000	>LOD	ND	PASS
Flonicamid	0.0333	0.1000	2.00	ND	PASS
Fludioxonil	0.0333	0.1000	30.00	ND	PASS
Hexythiazox	0.0333	0.1000	2.00	ND	PASS
Imazalil	0.0333	0.1000	>LOD	ND	PASS
Imidacloprid	0.0333	0.1000	3.00	ND	PASS
Kresoxim-Methyl	0.0333	0.1000	1.00	ND	PASS
Malathion	0.0333	0.1000	5.00	ND	PASS
Metalaxyl	0.0333	0.1000	15.00	ND	PASS
Methiocarb	0.0333	0.1000	>LOD	ND	PASS
Methomyl	0.0333	0.1000	0.10	ND	PASS
Mevinphos	0.0333	0.1000	>LOD	ND	PASS
Myclobutanil	0.0333	0.1000	9.00	ND	PASS
Naled	0.0333	0.1000	0.50	ND	PASS
Oxamyl	0.0333	0.1000	0.20	ND	PASS
Paclobutrazol	0.0333	0.1000	0.00	ND	PASS
Permethrin	0.0333	0.1000	20.00	ND	PASS
Phosmet	0.0333	0.1000	0.20	ND	PASS
Piperonyl Butoxide	0.0333	0.1000	8.00	ND	PASS
Prallethrin	0.0333	0.1000	0.40	ND	PASS
Propiconazole	0.0333	0.1000	20.00	ND	PASS
Propoxur	0.0333	0.1000	0.00	ND	PASS
Pyrethrins	0.0333	0.1000	1.00	ND	PASS
Pyridaben	0.0333	0.1000	3.00	ND	PASS
Spinetoram	0.0333	0.1000	3.00	ND	PASS
Spinosad	0.0333	0.1000	3.00	ND	PASS
Spiromesifen	0.0333	0.1000	12.00	ND	PASS
Spirotetramat	0.0333	0.1000	13.00	ND	PASS
Spiroxamine	0.0333	0.1000	0.00	ND	PASS
Tebuconazole	0.0333	0.1000	2.00	ND	PASS
Thiacloprid	0.0333	0.1000	0.00	ND	PASS
Thiamethoxam	0.0333	0.1000	4.50	ND	PASS
Trifloxystrobin	0.0333	0.1000	30.00	ND	PASS
Captan	0.2310	0.7000	5.00	ND	PASS
Chlordane	0.0116	0.0350	>LOD	ND	PASS
Chlorfenapyr	0.0058	0.0175	>LOD	ND	PASS
Cyfluthrin	0.0231	0.0700	1.00	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	0.20	ND	PASS

Analytical Technique: **GC-MS/MS**
 Instrumentation: **8050**
 Method: **SOP-003**
 Analysis Performed: **08/25/22**
 Panel Completed: **08/26/22**

