

Landrace Bioscience
 4120 South Creek Road
 Chattanooga, TN 37406
 danielstover@landracebio.com
 423-322-7153

Sample: 11-15-2021-14870
 Sample Received: 11/15/2021;
 Report Created: 11/21/2021; Expires: 11/21/2022

h110221002 Hemp Full Spectrum Gummy 10mg 5g
 Ingestible, Soft Chew



0.160%
 Total THC

0.160%
 Δ-9 THC

76.873 mg/unit
 Total Cannabinoids

62.626 mg/unit
 Total CBD

Cannabinoids

Complete

(Testing Method: HPLC, CON-P-3000.07)
 Analyst: Natalie Siracusa; Date Tested: 11/15/2021

Analyte	LOD	LOQ	Mass	Mass	
	mg/unit	mg/unit	mg/unit	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.458	0.685	<LOQ	<LOQ	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.458	0.685	8.231	1.598	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.458	0.685	ND	ND	
Δ-9-Tetrahydrocannabinol Acetate (Δ-9-THCO)	0.458	0.685	ND	ND	
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.458	0.685	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.458	0.685	1.236	0.240	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.458	0.685	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.458	0.685	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.458	0.685	ND	ND	
Cannabidiol (CBD)	0.458	0.685	62.626	12.158	
Cannabidiol (CBD)	0.458	0.685	ND	ND	
Cannabidiolic Acid (CBDA)	0.458	0.685	ND	ND	
Cannabigerol (CBG)	0.458	0.685	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.458	0.685	ND	ND	
Cannabinol (CBN)	0.458	0.685	ND	ND	
Cannabinolic Acid (CBNA)	0.458	0.685	ND	ND	
Cannabichromene (CBC)	0.458	0.685	3.029	0.588	
Cannabichromenic Acid (CBCA)	0.458	0.685	ND	ND	
Total			76.873	14.924	

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: ± 0.030%
 Total CBD Measurement of Uncertainty: ± 1.000%
 Unit Size: 5.151 g; Unit: 1 Gummy

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Heavy Metals

(Method of Analysis: ICP/MS, CON-P-7000.01)

Date Tested: 11/16/2021

Analyte	LOQ	Mass
	PPM	PPM
Arsenic	0.1010	<0.1010
Cadmium	0.1010	<0.1010
Chromium	0.2525	0.3416
Lead	0.1010	<0.1010
Mercury	0.1010	<0.1010
Selenium	0.1010	<0.1010

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Pesticides

(Testing Method: LC/MS/MS, CON-P-5000.01)
 Analyst: Natalie Siracusa; Date Tested: 11/15/2021

Analyte	LOQ	Mass	Analyte	LOQ	Mass
	PPM	PPM		PPM	PPM
Acephate	0.200	<0.200	Imazalil	0.100	<0.100
Acequinocyl	1.000	<1.000	Imidacloprid	0.200	<0.200
Acetamiprid	0.100	<0.100	Kresoxim Methyl	0.200	<0.200
Aldicarb	0.200	<0.200	Malathion	0.100	<0.100
Avermectin B1A	0.200	<0.200	Metalaxyl	0.100	<0.100
Avermectin B1B	0.050	<0.050	Methiocarb	0.100	<0.100
Azoxystrobin	0.100	<0.100	Methomyl	0.200	<0.200
Bifenazate	0.100	<0.100	MGK-264	0.100	<0.100
Bifenthrin	0.100	<0.100	Myclobutanil	0.100	<0.100
Boscalid	0.200	<0.200	Propoxur	0.100	<0.100
Carbaryl	0.100	<0.100	Oxamyl	0.500	<0.500
Carbofuran	0.100	<0.100	Naled	0.250	<0.250
Chlorantraniliprole	0.100	<0.100	Paclobutrazole	0.200	<0.200
Chlorpyrifos	0.100	<0.100	Parathion Methyl	0.100	<0.100
Clofentazine	0.100	<0.100	Permethrin	0.100	<0.100
Cyfluthrin	0.500	<0.500	Phosmet	0.100	<0.100
Cypermethrin	0.500	<0.500	Piperonyl Butoxide	1.000	<1.000
Daminozide	0.500	<0.500	Prallethrin	0.100	<0.100
Diazinon	0.100	<0.100	Propiconazole	0.200	<0.200
Dichlorvos (DDPV)	0.050	<0.050	Pyrethrins	0.500	<0.500
Dimethoate	0.100	<0.100	Pyridaben	0.100	<0.100
Ethoprophos	0.100	<0.100	Spinosad A	0.050	<0.050
Etofenprox	0.200	<0.200	Spinosad D	0.050	<0.050
Etoxazole	0.100	<0.100	Spiromesifen	0.100	<0.100
Fenoxycarb	0.100	<0.100	Spirotetramat	0.100	<0.100
Fenpyroximate	0.200	<0.200	Spiroxamine	0.200	<0.200
Fipronil	0.200	<0.200	Tebuconazole	0.200	<0.200
Flonicamid	0.500	<0.500	Thiacloprid	0.100	<0.100
Fludioxonil	0.200	<0.200	Thiamethoxam	0.100	<0.100
Hexythiazox	0.500	<0.500	Trifloxystrobin	0.100	<0.100

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Mycotoxins

(Testing Method: LC/MS/MS, CON-P-5000.01)

Analyst: Natalie Siracusa; Date Tested: 11/15/2021

Analyte	LOQ	Mass
	PPB	PPB
Aflatoxin B1	5.000	<5.000
Aflatoxin B2	5.000	<5.000
Aflatoxin G1	5.000	<5.000
Aflatoxin G2	5.000	<5.000
Ochratoxin A	5.000	<5.000

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Microbials

(Testing Method: qPCR & 3M Petrifilm, CON-P-6000.01)
 Analyst: Robyn Bills; Date Tested: 11/16/2021

Analyte	LOQ	Units
	CFU/g	CFU/g
Total Yeast and Mold	10000	<10000
Total Aerobic	100000	<100000
Total Coliforms	9.0	<9
Total Bile-Tolerant Gram Negative	9.0	<9
Aspergillus		Not Detected
Shigatoxigenic Escherichia coli (STEC)		Not Detected
Salmonella		Not Detected
Listeria spp.		Not Detected