

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

Sample: 10-06-2021-13430  
 Sample Received: 10/06/2021;  
 Report Created: 10/14/2021; Expires: 10/14/2022

LBS-082621 SMOOTH GUMMIES Hemp Full Spectrum Gummy 10mg  
 Ingestible Soft Chew



**0.134%**  
 Total THC

**0.134%**  
 Δ-9 THC

**52.024 mg/unit**  
 Total Cannabinoids

**33.611 mg/unit**  
 Total CBD

## Cannabinoids

Complete

(Testing Method: HPLC, CON-P-3000.07)

Analyst: Natalie Siracusa; Date Tested: 10/06/2021

Analyte	LOD	LOQ	Mass	Mass	
	mg/unit	mg/unit	mg/unit	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.515	0.773	9.061	1.618	<div style="width: 100%;"></div>
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.515	0.773	7.504	1.340	<div style="width: 100%;"></div>
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
Δ-9-Tetrahydrocannabinol Acetate (Δ-9-THCO)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.515	0.773	<LOQ	<LOQ	<div style="width: 100%;"></div>
Cannabidiol (CBD)	0.515	0.773	33.611	6.002	<div style="width: 100%;"></div>
Cannabidiolic Acid (CBDA)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
Cannabigerol (CBG)	0.515	0.773	1.848	0.330	<div style="width: 100%;"></div>
Cannabigerolic Acid (CBGA)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
Cannabinol (CBN)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
Cannabinolic Acid (CBNA)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
Cannabichromene (CBC)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
Cannabichromenic Acid (CBCA)	0.515	0.773	ND	ND	<div style="width: 100%;"></div>
<b>Total</b>			52.024	9.290	

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: ± 0.03%  
 Unit Size: 5.600 g; Unit: 1 Gummy



New Bloom Labs  
 6121 Heritage Park Dr.,  
 Chattanooga, TN 37416  
 (844) 837-8223  
 DEA#: RN-0773575

*Natalie Siracusa*  
 Natalie Siracusa  
 Laboratory Director

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 info@relims.com

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## Heavy Metals


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

Date Tested: 10/07/2021

Analyte	LOQ	Mass
	PPM	PPM
Arsenic	0.0996	<0.0996
Cadmium	0.0996	<0.0996
Chromium	0.2490	<0.2490
Lead	0.0996	<0.0996
Mercury	0.0996	<0.0996
Selenium	0.0996	<0.0996



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## Pesticides

(Testing Method: LC/MS/MS, CON-P-5000.01)  
 Analyst: Natalie Siracusa; Date Tested: 10/06/2021

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: 10/06/2021

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: 10/07/2021

Analyte	LOQ	Units
	CFU/g	CFU/g
Total Yeast and Mold	10000	<10000
Total Aerobic	100000	<100000
Total Coliforms	8	<8
Total Bile-Tolerant Gram Negative	8	<8
Aspergillus		Not Detected
Shigatoxigenic Escherichia coli (STEC)		Not Detected
Salmonella		Not Detected
Listeria spp.		Not Detected



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## Residual Solvents

(Testing Method: HS-GC/MS,)

Analyst: Natalie Siracusa; Date Tested: 10/06/2021

Analyte	LOQ	Mass
	PPM	PPM
1,4 Dioxane	100.000	<100.000
tert-Butanol	1000.000	<1000.000
n-Propanol	1000.000	<1000.000
Isobutanol	1000.000	<1000.000
n-Butanol	1000.000	<1000.000
2 Ethoxyethanol	20.000	<20.000
Nitromethane	10.000	<10.000
2 Propanol	1000.000	<1000.000
1,2 Dimethoxyethane	20.000	<20.000
Ethylbenzene	100.000	<100.000
1,1,1 Trichloroethane	10.000	<10.000
1,2 Dichloroethane	2.000	<2.000
1,2,3,4 Tetrahydronaphthalene	20.000	<20.000
2 Hexanone	20.000	<20.000
Acetone	1000.000	<1000.000
Acetonitrile	100.000	<100.000

Analyte	LOQ	Mass
	PPM	PPM
Benzene	1.000	<1.000
Chlorobenzene	100.000	<100.000
Dichloromethane	100.000	<100.000
Ethyl Ether	1000.000	<1000.000
Ethanol	1000.000	<1000.000
Ethyl Acetate	1000.000	<1000.000
Hexane	200.000	<200.000
n-Heptane	1000.000	<1000.000
Methylcyclohexane	200.000	<200.000
n-Pentane	1000.000	<1000.000
o-Xylene	100.000	<100.000
Tetrahydrofuran	100.000	<100.000
Toluene	100.000	<100.000
trans 1,2 Dichloroethene	100.000	<100.000
Trichloroethene	20.000	<20.000



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