

Crown Grow
 651 County Road 3728
 Wills Point, TX 75169
 justin@crown-grow.com
 12146206929

Sample: 05-20-2021-9110
 Sample Received: 05/20/2021;
 Report Created: 05/22/2021; Expires: 05/22/2022

Texan Tornado
 Plant Preroll



0.077%

Total THC

0.077%

Δ-9 THC

6.573 %

Total Cannabinoids

4.131 %

Total CBD

Cannabinoids

Complete

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

Analyst: Natalie Siracusa; Date Tested: 05/20/2021

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-9 Tetrahydrocannabinol (Δ-9 THC)	0.050	0.074	0.077	0.772	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.050	0.074	<LOQ	<LOQ	
R-Δ-10 Tetrahydrocannabinol (R-Δ-10-THC)	0.050	0.074	ND	ND	
S-Δ-10 Tetrahydrocannabinol (S-Δ-10-THC)	0.050	0.074	ND	ND	
Δ-8 Tetrahydrocannabinol (Δ-8 THC)	0.050	0.074	ND	ND	
Tetrahydrocannabivarin (THCV)	0.050	0.074	ND	ND	
Cannabidi varin (CBDV)	0.050	0.074	ND	ND	
Cannabidi varinic Acid (CBDVA)	0.050	0.074	ND	ND	
Cannabidiol (CBD)	0.050	0.074	0.882	8.822	█
Cannabidiolic Acid (CBDA)	0.050	0.074	3.705	37.050	█
Cannabigerol (CBG)	0.050	0.074	0.177	1.772	
Cannabigerolic Acid (CBGA)	0.050	0.074	1.515	15.149	█
Cannabinol (CBN)	0.050	0.074	ND	ND	
Cannabinolic Acid (CBNA)	0.050	0.074	ND	ND	
Cannabichromene (CBC)	0.050	0.074	0.085	0.851	
Cannabichromenic Acid (CBCA)	0.050	0.074	0.132	1.317	
Total			6.573	65.733	

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



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



Certificate of Analysis

Powered by Confident Cannabis
2 of 6

Crown Grow

651 County Road 3728
Wills Point, TX 75169
justin@crowngrow.com
(214) 620-6929
Lic. #0830096

Sample: 2010NBL3420.7702

Strain: Goliath
Batch#: ; Batch Size: g
Sample Received: 10/28/2020; Report Created: 11/03/2020; Expires: 11/03/2021

Texan Tornado
Plant, Flower-Cured

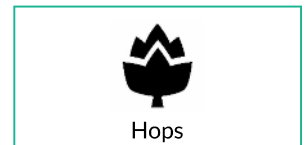
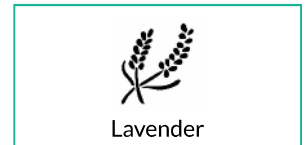


Terpenes

(Method of Analysis: GC-MS, CON-P-4000.02)
Analyst: Natalie Siracusa; Date Tested: 10/28/2020

Analyte	LOQ	Mass	Mass
	PPM	PPM	mg/g
Citral	3.00	<3.00	<0.00
β-Caryophyllene	3.00	>1000.00	>1.00
Caryophyllene Oxide	3.00	<3.00	<0.00
Camphene	3.00	45.42	0.05
δ-3-Carene	3.00	<3.00	<0.00
α-Humulene	3.00	>500.00	>0.50
Linalool	3.00	713.43	0.71
δ-Limonene	3.00	>30.00	>0.03
Eucalyptol	3.00	53.54	0.05
Fenchone	3.00	18.92	0.02
α-Pinene	3.00	179.29	0.18
Menthol	3.00	<3.00	<0.00
Sabinene	3.00	<3.00	<0.00
Ocimene	3.00	<3.00	<0.00
(+)-Pulegone	3.00	<3.00	<0.00
α-Terpinene	3.00	13.80	0.01
γ-Terpinene	3.00	16.94	0.02
Terpinolene	3.00	18.98	0.02
Borneol	3.00	64.03	0.06

Primary Aromas



Enterobacteriaceae assay includes Bile-Tolerant Gram Negative members of the Enterobacteriaceae family and Pseudomonas spp. / E.coli assay includes Shigatoxigenic Escherichia coli spp. (STEC) only



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6121 Heritage Park Dr.
Chattanooga, TN
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DEA#: RN-0563975

Natalie Siracusa
Lab Director

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Batch#: ; Batch Size: g
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Texan Tornado
Plant, Flower-Cured



Pesticides

(Method of Analysis: LC/MS/MS)
Analyst: Natalie Siracusa; Date Tested: 10/28/2020

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.25	0.50	<0.25	Pass	Imazalil	0.10	0.20	<0.10	Pass
Acephate	0.20	0.40	<0.20	Pass	Imidacloprid	0.20	0.40	<0.20	Pass
Acequinocyl	1.00	2.00	<1.00	Pass	Kresoxim Methyl	0.20	0.40	<0.20	Pass
Acetamiprid	0.10	0.20	<0.10	Pass	Malathion	0.10	0.20	<0.10	Pass
Aldicarb	0.20	0.40	<0.20	Pass	Metalaxyl	0.10	0.20	<0.10	Pass
Azoxystrobin	0.10	0.20	<0.10	Pass	Methiocarb	0.10	0.20	<0.10	Pass
Bifenazate	0.10	0.20	<0.10	Pass	Methomyl	0.20	0.40	<0.20	Pass
Bifenthrin	0.10	0.20	<0.10	Pass	Methyl Parathion	0.10	0.20	<0.10	Pass
Boscalid	0.20	0.40	<0.20	Pass	MGK-264	0.10	0.20	<0.10	Pass
Carbaryl	0.10	0.20	<0.10	Pass	Myclobutanil	0.10	0.20	<0.10	Pass
Carbofuran	0.10	0.20	<0.10	Pass	Naled	0.25	0.50	<0.25	Pass
Chlorantraniliprole	0.10	0.20	<0.10	Pass	Oxamyl	0.50	1.00	<0.50	Pass
Chlorfenapyr	0.50	1.00	<0.50	Pass	Pacllobutrazol	0.20	0.40	<0.20	Pass
Chlorpyrifos	0.10	0.20	<0.10	Pass	Permethrin	0.10	0.20	<0.10	Pass
Clofentezine	0.10	0.20	<0.10	Pass	Phosmet	0.10	0.20	<0.10	Pass
Cyfluthrin	0.50	1.00	<0.50	Pass	Piperonyl Butoxide	1.00	2.00	<1.00	Pass
Cypermethrin	0.50	1.00	<0.50	Pass	Prallethrin	0.10	0.20	<0.10	Pass
Daminozide	0.50	1.00	<0.50	Pass	Propiconazole	0.20	0.40	<0.20	Pass
Diazinon	0.10	0.20	<0.10	Pass	Propoxur	0.10	0.20	<0.10	Pass
Dichlorvos	0.05	0.10	<0.05	Pass	Pyrethrins	0.50	1.00	<0.50	Pass
Dimethoate	0.10	0.20	<0.10	Pass	Pyridaben	0.10	0.20	<0.10	Pass
Ethoprophos	0.10	0.20	<0.10	Pass	Spinosyn A	0.10	0.20	<0.10	Pass
Etofenprox	0.20	0.40	<0.20	Pass	Spinosyn D	0.10	0.20	<0.10	Pass
Etoxazole	0.10	0.20	<0.10	Pass	Spiromesifen	0.10	0.20	<0.10	Pass
Fenoxycarb	0.10	0.20	<0.10	Pass	Spirotetramat	0.10	0.20	<0.10	Pass
Fenpyroximate	0.20	0.40	<0.20	Pass	Spiroxamine	0.20	0.40	<0.20	Pass
Fipronil	0.20	0.40	<0.20	Pass	Tebuconazole	0.20	0.40	<0.20	Pass
Flonicamid	0.50	1.00	<0.50	Pass	Thiacloprid	0.10	0.20	<0.10	Pass
Fludioxonil	0.20	0.40	<0.20	Pass	Thiamethoxam	0.10	0.20	<0.10	Pass
Hexythiazox	0.50	1.00	<0.50	Pass	Trifloxystrobin	0.10	0.20	<0.10	Pass

Enterobacteriaceae assay includes Bile-Tolerant Gram Negative members of the Enterobacteriaceae family and Pseudomonas spp. / E.coli assay includes Shigatoxigenic Escherichia coli spp. (STEC) only



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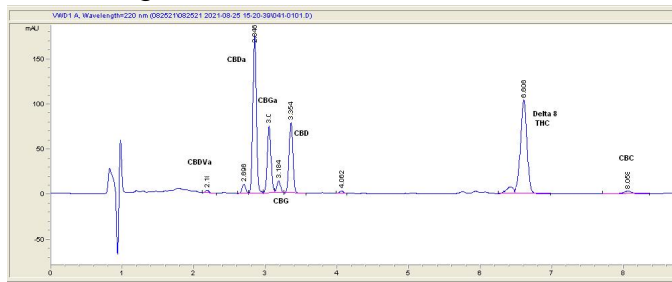
Sample 410-082521-001

Cut flower (hemp)
Sample Submitted: 08-25-2021; Report Date: 08-25-2021

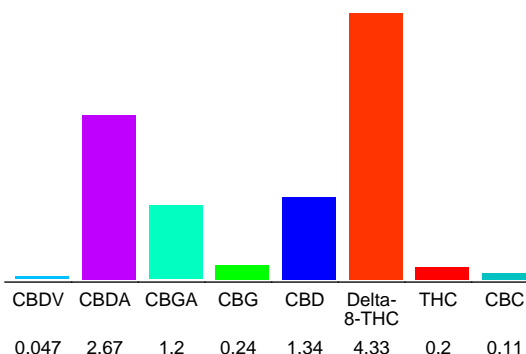
Cut flower (hemp)

Plant Material

Chromatogram



Cannabinoid Profile



Cannabinoid Profile by HPLC

0.20%
Calculated THC Yield

3.68%
Calculated CBD Yield

10.14%
Total Cannabinoids

Cannabinoid	% wt	mg/g
CBDV	0.047	0.47
CBDA	2.67	26.7
CBGA	1.2	12.0
CBG	0.24	2.4
CBD	1.34	13.4
Delta-8-THC	4.33	43.3
THC	0.2	2.0
CBC	0.11	1.1
Total Cannabinoids	10.14	101.4
Calculated THC Yield	0.20	2.00
Calculated CBD Yield	3.68	36.82

Calculated Maximum THC Yield = THC + 0.877 * THCA
Calculated Maximum CBD Yield = CBD + 0.877 * CBDA

Notes: "THC" refers to Delta 9 THC

Marin Analytics, LLC

250 Bel Marin Keys Blvd, Suite D4
Novato, CA 94949

415-936-6477 / sarabiancalana1@gmail.com

Sara Biancalana
Chief Scientist

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ISO/IEC 17025:2017
 Accreditation #: 75696
 lab@summitnutritional.com

Report Number: 210728 003-05
 Date Reported: 8/6/2021 2:39:27 PM

Sample Details

Product #: Delta 8 Gummy
 Description: Delta 8 Gummy
 Lot #: 210625A
 Received: 7/28/2021 9:55:54 AM

Customer Information

Bloom Distribution
 30706 Bryant Dr
 Evergreen CO 80439

Sample Details:

Certificate of Analysis

Chemistry	Method	Specifications	Result	Units
Botanicals and Nutraceuticals				
CBDV	WI.HPLC.401.01		< 0.050	mg/serving
THCV	WI.HPLC.401.01		< 0.050	mg/serving
CBD	WI.HPLC.401.01		< 0.050	mg/serving
CBG	WI.HPLC.401.01		< 0.050	mg/serving
CBDA	WI.HPLC.401.01		< 0.050	mg/serving
CBGA	WI.HPLC.401.01		< 0.050	mg/serving
CBN	WI.HPLC.401.01		< 0.050	mg/serving
d9-THC	WI.HPLC.401.01		6.013	mg/serving
d8-THC	WI.HPLC.401.01	> 25	23.106*	mg/serving
CBC	WI.HPLC.401.01		< 0.050	mg/serving
THCA-A	WI.HPLC.401.01		< 0.050	mg/serving
Total THC	WI.HPLC.401.01		29.119	mg/serving
Heavy Metals				
Arsenic	USP <2232>		< 0.001	ppm
Cadmium	USP <2232>		< 0.001	ppm
Lead	USP <2232>		0.244	ppm
Mercury	USP <2232>		< 0.001	ppm
Physical				
Serving Size	SNL.MA.210		1.00	Gummy
Average Net Fill Weight	Calculated Sample Weight		2961.000	mg

Microbiology	Method	Specifications	Result	Units
Total Plate Count	Biolumix		<100000	cfu/g
Total Coliform	Biolumix		<1000	cfu/g
E.coli	Biolumix	None Detected	None Detected	cfu/10g
Salmonella spp.	AOAC 2013.01 <Vidas>	None Detected	None Detected	cfu/10g
Staphylococcus aureus	Biolumix	None Detected	None Detected	cfu/10g
Yeasts & Molds	Biolumix		<10000	cfu/g



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Description: Delta 8 Gummy
Lot #: 210625A
Received: 7/28/2021 9:55:54 AM

Customer Information

Bloom Distribution
30706 Bryant Dr
Evergreen CO 80439

Sample Details:

Certificate of Analysis

Report Approved by: 
Joel Nelson
Laboratory Manager

*= Please review Client Specifications

Report Numbers that have been revised or amended will include a revision number.

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