

Releaf Brands

8060 E 22nd St
Tucson, AZ 85710
bturner@releafbrands.com
(520) 612-4303
Lic. #00000081DCPK00962019

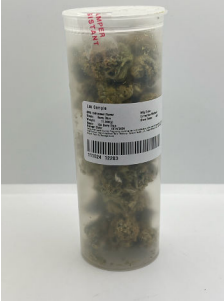
Sample: 2411LVL1378.6516

Secondary License: 00000144ESQK21738687; Chain of Distribution: Desert Bloom ReLeaf Center + ReLeaf 85624
Strain: Berry Blue; Batch Size: 4518 g; External Batch ID: 184 Berry Blue
Sample Received: 11/13/2024; Report Created: 11/18/2024; Report Expiration: 11/18/2025
Sampling Date: 11/09/2024; Sampling Time: 12:50 pm; Sampling Person: Jess
Harvest Date: 10/14/2024; Manufacturing Date: ; External Lot ID: 00306 (200g)
Date of Pickup: Time Collected:

184 Berry Blue

Plant, Flower - Cured, Indoor



	19.82%	ND	23.26%
	Total THC	Total CBD	
	17.18 mg/g	Complete	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	4.3% Moisture (Q3)	

Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.16	22.11	221.1	
Δ9-THC	0.16	0.43	4.3	M1
Δ8-THC	0.16	ND	ND	Q3
THCVa	0.16	<LOQ	<LOQ	Q3
THCV	0.16	ND	ND	Q3
CBDa	0.16	ND	ND	
CBD	0.16	ND	ND	
CBDVa	0.16	ND	ND	Q3
CBDV	0.16	ND	ND	Q3
CBN	0.16	ND	ND	Q3
CBGa	0.16	0.30	3.0	Q3
CBG	0.16	ND	ND	Q3
CBCa	0.16	0.41	4.1	Q3
CBC	0.16	ND	ND	Q3
Total		23.26	232.6	Q3

Qualifiers:
Date Tested: 11/13/2024 12:00 am

Total THC = THCa * 0.877 + d9-THC
Total CBD = CBDa * 0.877 + CBD

The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.

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Terpenes

Analyte	LOQ	Result	Result	Qualifier	Analyte	LOQ	Result	Result	Qualifier
	mg/g	mg/g	%			mg/g	mg/g	%	
β-Caryophyllene	0.23	8.92	0.892	Q3	cis-Ocimene	0.03	ND	ND	Q3
α-Humulene	0.11	2.04	0.204	Q3	Citronellol	1.13	ND	ND	Q3
α-Bisabolol	0.11	2.03	0.203	Q3	Eucalyptol	0.11	ND	ND	Q3
Caryophyllene Oxide	0.11	1.56	0.156	Q3	Fenchone	0.23	ND	ND	Q3
δ-Limonene	0.23	1.44	0.144	Q3	γ-Terpinene	0.11	ND	ND	Q3
Farnesene	0.02	0.31	0.031	Q3	γ-Terpineol	0.02	ND	ND	Q3
trans-Nerolidol	0.11	0.31	0.031	Q3	Geraniol	2.27	ND	ND	Q3
Fenchol	0.11	0.24	0.024	Q3	Geranyl Acetate	0.11	ND	ND	Q3
α-Pinene	0.11	0.21	0.021	Q3	Guaiol	0.11	ND	ND	Q3
β-Myrcene	0.11	0.12	0.012	Q3	Isoborneol	1.13	ND	ND	Q3
3-Carene	0.23	ND	ND	Q3	Isopulegol	0.11	ND	ND	Q3
α-Cedrene	0.11	ND	ND	Q3	Linalool	0.23	<LOQ	<LOQ	Q3
α-Phellandrene	0.11	ND	ND	Q3	Menthol	0.11	ND	ND	Q3
α-Terpinene	0.11	ND	ND	Q3	Nerol	0.11	ND	ND	Q3
α-Terpineol	0.18	<LOQ	<LOQ	Q3	Pulegone	0.11	ND	ND	Q3
β-Eudesmol	0.11	ND	ND	Q3	p-Cymene	0.11	ND	ND	Q3
β-Pinene	0.23	<LOQ	<LOQ	Q3	Sabinene	0.11	ND	ND	Q3
Borneol	0.34	<LOQ	<LOQ	Q3	Sabinene Hydrate	0.11	ND	ND	Q3
Camphene	0.11	<LOQ	<LOQ	Q3	Terpinolene	0.23	ND	ND	Q3
Camphor	0.45	ND	ND	Q3	trans-Ocimene	0.07	ND	ND	Q3
Cedrol	0.11	ND	ND	Q3	Valencene	0.11	ND	ND	Q3
cis-Nerolidol	0.23	ND	ND	Q3					


Primary Aromas




Cinnamon




Hops



Chamomile



Wood



Lemon

17.18 mg/g
Total Terpenes

Qualifiers:
Date Tested: 11/13/2024 07:00 am

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Qualifying code Q3: For informational purposes only.



Certificate of Analysis

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184 Berry Blue

Plant, Flower - Cured, Indoor



Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.030	0.500	ND	Pass	L1	Hexythiazox	0.040	1.000	ND	Pass	M1
Acephate	0.040	0.400	ND	Pass		Imazalil	0.040	0.200	ND	Pass	
Acetamiprid	0.040	0.200	ND	Pass		Imidacloprid	0.040	0.400	ND	Pass	
Aldicarb	0.040	0.400	ND	Pass		Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.040	0.200	ND	Pass		Malathion	0.040	0.200	ND	Pass	
Bifenazate	0.040	0.200	ND	Pass	M1	Metalaxyl	0.040	0.200	ND	Pass	
Bifenthrin	0.040	0.200	ND	Pass		Methiocarb	0.040	0.200	ND	Pass	
Boscalid	0.040	0.400	ND	Pass	M1	Methomyl	0.040	0.400	ND	Pass	
Carbaryl	0.040	0.200	ND	Pass		Myclobutanil	0.040	0.200	ND	Pass	M1
Carbofuran	0.040	0.200	ND	Pass		Naled	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass		Oxamyl	0.040	1.000	ND	Pass	
Chlorfenapyr	0.440	1.000	ND	Pass		Pacllobutrazol	0.040	0.400	ND	Pass	M1
Chlorpyrifos	0.040	0.200	ND	Pass	M1	Permethrins	0.040	0.200	ND	Pass	M1
Clofentezine	0.040	0.200	ND	Pass		Phosmet	0.040	0.200	ND	Pass	M1
Cyfluthrin	0.440	1.000	ND	Pass	M1	Piperonyl Butoxide	0.040	2.000	ND	Pass	M1
Cypermethrin	0.040	1.000	ND	Pass		Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.440	1.000	ND	Pass		Propiconazole	0.040	0.400	ND	Pass	M1
Dichlorvos (DDVP)	0.040	0.100	ND	Pass		Propoxur	0.040	0.200	ND	Pass	
Diazinon	0.040	0.200	ND	Pass	M1	Pyrethrins	0.440	1.000	ND	Pass	
Dimethoate	0.040	0.200	ND	Pass		Pyridaben	0.040	0.200	ND	Pass	
Ethoprophos	0.040	0.200	ND	Pass		Spinosad	0.040	0.200	ND	Pass	
Etofenprox	0.040	0.400	ND	Pass	M2	Spiromesifen	0.040	0.200	ND	Pass	
Etoxazole	0.040	0.200	ND	Pass		Spirotetramat	0.040	0.200	ND	Pass	M1
Fenoxycarb	0.040	0.200	ND	Pass		Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.040	0.400	ND	Pass		Tebuconazole	0.040	0.400	ND	Pass	M1
Fipronil	0.040	0.400	ND	Pass	M1	Thiacloprid	0.040	0.200	ND	Pass	
Flonicamid	0.040	1.000	ND	Pass		Thiamethoxam	0.040	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass	M1	Trifloxystrobin	0.040	0.200	ND	Pass	M1

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 11/14/2024 12:00 am
Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.



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184 Berry Blue

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Microbials

Pass

Analyte	Result	Result Units	Status	Qualifier
E. Coli	< 10	CFU/G	Pass	
Salmonella	Not Detected	in one gram	Pass	
Aspergillus terreus	Not Detected	in one gram	Pass	
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass	

Qualifiers:
Date Tested: 11/15/2024 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.



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184 Berry Blue

Plant, Flower - Cured, Indoor



Heavy Metals

Pass

Analyte	Result	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		
Arsenic	ND	0.153	0.400	Pass	V1
Cadmium	0.202	0.153	0.400	Pass	V1
Lead	ND	0.153	1.000	Pass	V1
Mercury	ND	0.153	0.200	Pass	V1

LEVEL ONE

Qualifiers:
Date Tested: 11/15/2024 12:00 am

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