



Certificate of Analysis

Nov 06, 2019 | CBD LION

750 Tower Rd Unit B Mundelien
Illinois, United States 60060



SAMPLE:DA91031016-001

Harvest/Lot ID: NA

Seed to Sale #N/A

Batch#: 2038

Sample Size: 10 gram

Ordered : 10/17/19

Sampled : 10/17/19

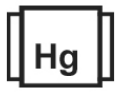
Completed: 11/06/19 Expires: 11/06/20

Sampling Method: SOP Client Method

PRODUCT IMAGE SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
TESTED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
NOT TESTED



Filtration
PASSED



Water Activity
PASSED



Moisture
PASSED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS

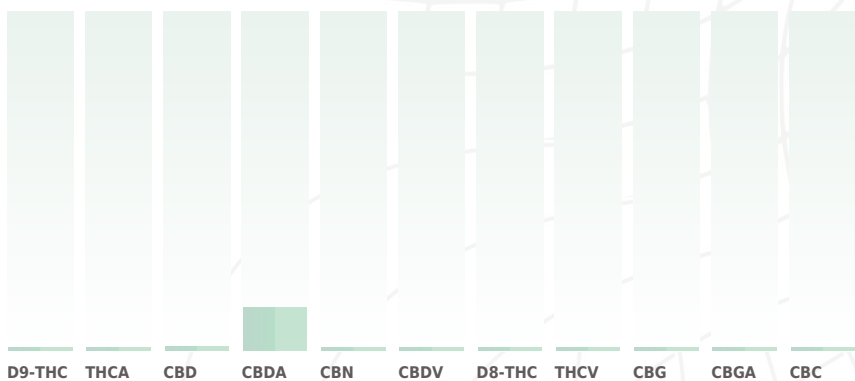


Total THC
0.430%
THC/Container :4.30 mg



Total CBD
10.992%
CBD/Container :109.93 mg

0.104 %	0.372 %	0.843 %	11.573 %	ND	ND	ND	ND	0.073 %	0.308 %	0.088 %
1.040 mg/g	3.720 mg/g	8.430 mg/g	115.730 mg/g	ND	ND	ND	ND	0.730 mg/g	3.080 mg/g	0.880 mg/g



Cannabinoid Profile Test

Analyst: 64 Weight: 0.2036g Sample Prep : 2019-11-06 09:11:47 Extracted By : 965

Analysis Method -SOP.T.40.020, SOP.T.30.050
Analytical Batch -DA007698

Reagent: 102819.R17 Dilution: 400 Consums. ID: 76124-662, SFN-BX-1025, 849C4-849AK, 840C6-840H

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

	Filtration	PASSED
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Analyte: 584 Weight: 1g Sample Prep : 2019-11-01 12:11:13 Extracted By : 584

Analysis Method -

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

	Water Activity	PASSED
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Analyte: WATER ACTIVITY Analyst: 584 Weight: 1g Sample Prep : 2019-11-01 12:11:02 Result: 0.509 aW

Analysis Method -Water Activity SOP.T.40.010

	Moisture	PASSED
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Analyte: MOISTURE CONTENT Analyst: 584 Weight: 0.522g Sample Prep : 2019-11-01 12:11:11 Result: 9.000 %

Analysis Method -Moisture Analysis SOP.T.40.011

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Jorge Segredo
Lab Director

State License # n/a
ISO Accreditation # 97164

Signature

11/06/2019

Signed On



Certificate of Analysis

CBD LION

750 Tower Rd Unit B Mundelien
Illinois, United States 60060
Telephone: 847-971-6802
Email: andy@cbdion.com

Sample : DA91031016-001,
Harvest/LOT ID: NA,

Batch# : 2038
Sample Size : 10 gram
Ordered : 10/17/19

Sampled : 10/17/19
Completed : 11/06/19 **Expires :** 11/06/20
Sample Method : SOP Client Method

2



Pesticides

PASSED

Pesticides	LOQ	Action Level	Units	Result	Pesticides	LOQ	Action Level	Units	Result
CHLORDANE	0.010	0.1	ppm	ND	DICHLORVOS	0.050	0.1	ppm	ND
CAPTAN	0.100	3	ppm	ND	METHIOCARB	0.010	0.1	ppm	ND
BOSCALID	0.010	3000	PPM	ND	METHOMYL	0.010	0.1	ppm	ND
DIMETHOATE	0.010	0.1	ppm	ND	DIAZANON	0.010	0.2	ppm	ND
ABAMECTIN B1A	0.020	0.3	ppm	ND	MEVINPHOS	0.010	0.1	ppm	ND
CIS-PERMETHRIN	0.050	1	ppm	ND	MYCLOBUTANIL	0.010	3	ppm	ND
SPINETORAM	0.010		PPM	ND	NALED	0.010	0.5	ppm	ND
ACEPHATE	0.010	3	ppm	ND	OXAMYL	0.010	0.5	ppm	ND
DIMETHOMORPH	0.005	3	ppm	ND	PACLOBUTRAZOL	0.010	0.1	ppm	ND
ETHOPROPHOS	0.010	0.1	ppm	ND	TRANS-PERMETHRIN	0.050	1	ppm	ND
ACEQUINOCYL	0.050	2	ppm	ND	PHOSMET	0.010	0.2	ppm	ND
ACETAMIPRID	0.010	3	ppm	ND	PIPERONYL BUTOXIDE	0.010	3	ppm	ND
ETOFENPROX	0.010	0.1	ppm	ND	PRALLETHRIN	0.050	0.4	ppm	ND
ALDICARB	0.020	0.1	ppm	ND	PROPICONAZOLE	0.010	1	ppm	ND
ETOXAZOLE	0.010	1.5	ppm	ND	PROPOXUR	0.010	0.1	ppm	ND
AZOXYSTROBIN	0.010	3	ppm	ND	PYRETHRIN I	0.010	1	ppm	ND
FENHEXAMID	0.010	3	ppm	ND	PYRIDABEN	0.010	3	ppm	ND
BIFENAZATE	0.010	3	ppm	ND	SPINOSAD (SPINOSYN A)	0.010	3	ppm	ND
FENOXYCARB	0.010	0.1	ppm	ND	SPINOSAD (SPINOSYN D)	0.010	3	ppm	ND
FENPYROXIMATE	0.010	2	ppm	ND	SPIROMESIFEN	0.010	3	ppm	ND
BIFENTHRIN	0.010	0.5	ppm	ND	SPIROTETRAMAT	0.020	3	ppm	ND
CARBARYL	0.010	0.5	ppm	ND	SPIROXAMINE	0.010	0.1	ppm	ND
FIPRONIL	0.020	0.1	ppm	ND	TEBUCONAZOLE	0.010	1	ppm	ND
FLONICAMID	0.010	2	ppm	ND	THIACLOPRID	0.010	0.1	ppm	ND
CARBOFURAN	0.010	0.1	ppm	ND	THIAMETHOXAM	0.010	1	ppm	ND
CHLORANTRANILIPROLE	0.010	3	ppm	ND	TRIFLOXYSTROBIN	0.010	3	ppm	ND
FLUDIOXONIL	0.010	3	ppm	ND					
HEXYTHIAZOX	0.010	2	ppm	ND					
CHLORFENAPYR	0.010	0.1	ppm	ND					
IMAZALIL	0.010	0.1	ppm	ND					
CHLORPYRIFOS	0.010	0.1	ppm	ND					
IMIDACLOPRID	0.010	3	ppm	ND					
CLOFENTZINE	0.010	0.5	ppm	ND					
KRESOXIM-METHYL	0.010	1	ppm	ND					
COUMAPHOS	0.005	0.1	ppm	ND					
MALATHION	0.010	2	ppm	ND					
CYPERMETHRIN	0.020	1	ppm	ND					
DAMINOZIDE	0.020	0.1	ppm	ND					
METALAXYL	0.010	3	ppm	ND					



Pesticides

PASSED

Analyst 585	Weight 1.0007g	Sample Prep : 2019-11-01 10:11:16	Extracted By : 357
Analysis Method -SOP.T.30.065, SOP.T.40.065			
Analytical Batch - DA007632			
Reagent	Dilution	Consums. ID	
SOP.T.30.065, SOP.T.40.065			

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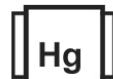
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Harvest/LOT ID: NA,

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Sample Size : 10 gram
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Sample Method : SOP Client Method

3

	Mycotoxins	PASSED
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	Heavy Metals	TESTED
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Analyte	Result	Action Level
AFLATOXIN G2	ND	
AFLATOXIN G1	ND	
AFLATOXIN B2	ND	
AFLATOXIN B1	ND	
OCHRATOXIN A+	ND	0.02
TOTAL AFLATOXINS	0.000	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065

Analytical Batch -DA007633

Reagent	Dilution	Consums. ID
102919.R02	50	
102819.R04		
103019.R04		
103119.R02		
102919.R05		
102119.R03		
052419.01		

	Microbials	PASSED
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Analyte
 ASPERGILLUS_FLAVUS
 ASPERGILLUS_FUMIGATUS
 ASPERGILLUS_NIGER
 ASPERGILLUS_TERREUS
 ESCHERICHIA_COLI_SHIGELLA_SPP
 SALMONELLA_SPECIFIC_GENE

Result
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.

Metal	Result	Action Level
ARSENIC	0.066	1.5
CADMIUM	0.011	0.5
LEAD	0.541	0.5
MERCURY	ND	3

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA007626

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.