



CBD LION

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



SAMPLE:DA90610005-005

Sample is BELOW 0.3% THC

Ordered: 06/05/19 Sampled:06/03/19

Completed: 06/14/19 Expires: 06/14/20

Image



Safety

Pesticides - Passed
Microbials - Passed
Mycotoxins - Passed
Heavy Metals - Passed
Terpenes - NOT Tested
Residual-Solvents - Passed
Filtration - Passed
Water Activity - NOT Tested
Moisture - NOT Tested

Cannabinoids

Analyte	Weight(%)	mg/g
D9-THC	ND	ND
THCa	ND	ND
CBD	44.914	449.14
CBDa	ND	ND
CBN	ND	ND
CBDV	0.18	1.8
D8-THC	ND	ND
THCV	ND	ND
CBG	ND	ND
CBGa	ND	ND
CBC	ND	ND
Total THC	ND	ND
Total CBD	44.914	449.14

Cannabinoids

0.00%	44.914%
Total THC	Total CBD

44.914

44.914

ND ND 44.914 ND ND 0.18 ND ND ND ND ND

ND

D9-THCTHCa CBD CBDa CBN CBDVD8-THCTHCV CBG CBGa CBC

Total THC

Total CBD

Jorge Segredo
Lab Director

State License # n/a
ISO Accreditation #
97164



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Pesticides	LOQ	Action Level	Result	Pesticides	LOQ	Action Level	Result
Dimethoate	0.010	0.05	ND	Cypermethrin	0.020	0.5	ND
Abamectin B1a	0.020	0.1	ND	Daminozide	0.020	0.5	ND
Acephate	0.010	0.1	ND	Metalaxyl	0.010	0.05	ND
Dimethomorph	0.005	0.05	ND	Dichlorvos	0.050	0.1	ND
Ethoprophos	0.010	0.05	ND	Methiocarb	0.010	0.05	ND
Acequinocyl	.05	0.1	ND	Methomyl	0.010	0.1	ND
Acetamiprid	0.010	0.05	ND	Diazanone	0.010	0.05	ND
Etiofenprox	0.010	0.05	ND	Mevinphos	0.010	0.05	ND
Aldicarb	0.020	0.05	ND	Myclobutanil	0.010	0.1	ND
Etoazole	0.010	0.05	ND	Naled	0.010	0.25	ND
Azoxystrobin	0.010	0.05	ND	Oxamyl	0.010	0.25	ND
Fenhexamid	.010	0.1	ND	Paclobutrazol	0.010	0.05	ND
Bifenazate	0.010	0.01	ND	Permethrins	0.050	0.1	ND
Fenoxycarb	0.010	0.05	ND	Phosmet	0.010	0.1	ND
Fenpyroximate	0.010	0.5	ND	Piperonyl butoxide	0.010	3.0	ND
Bifenthrin	0.010	0.1	ND	Prallethrin	0.050	0.1	ND
Carbaryl	0.010		ND	Propiconazole	0.010	0.1	ND
Fipronil	0.020	0.05	ND	Propoxur	0.010	0.1	ND
Flonicamid	0.010	0.4	ND	Pyrethrins (Pyrethrin I)	0.010	0.5	ND
Carbofuran	0.010		ND	Pyridaben	0.010	0.2	ND
Chlorantraniliprole	0.010		ND	Spinosad (Spinosyn A)	0.010	0.1	ND
Fludioxonil	0.010	0.1	ND	Spinosad (Spinosyn D)	0.010	0.1	ND
Hexythiazox	0.010	0.25	ND	Spiromesifen	0.010	0.1	ND
Chlorfenapyr	.010	0.05	ND	Spirotetramat	0.020	0.1	ND
Imazalil	0.010	0.05	ND	Spiroxamine	0.010	0.05	ND
Chlorpyrifos	0.010	0.1	ND	Tebuconazole	0.010	0.05	ND
Imidacloprid	0.010	0.1	ND	Thiacloprid	0.010	0.05	ND
Clofentazine	0.010	0.2	ND	Thiamethoxam	0.010	0.05	ND
Kresoxim-methyl	0.010	0.1	ND	Trifloxystrobin	0.010	0.1	ND
Coumaphos	0.005	0.05	ND				
Malathion	0.010	0.05	ND				



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Residual solvent	Action Level(ppm)	Pass/Fail	Results(ppm)
1,2-Dichloroethane	2	Pass	ND
1,2-Dichloroethene	8	Pass	ND
1,4-Dioxane		Pass	ND
2-Butanol		Pass	ND
2-Ethoxyethanol		Pass	ND
2-Propanol	500	Pass	ND
Acetone	750	Pass	ND
Acetonitrile	60	Pass	ND
Benzene	1	Pass	ND
Butanes (iso-butane)	2000	Pass	ND
Butanes (n-butane)		Pass	ND
Chloroform	2	Pass	ND
Cyclohexane		Pass	ND
Ethanol	5000	Pass	ND
Dichloromethane		Pass	ND
Ethyl acetate	400	Pass	ND
Ethyl ether	500	Pass	ND
Ethylene Oxide	5	Pass	ND
Ethylbenzene		Pass	ND
Heptane	500	Pass	ND
Hexanes (2,2-dimethylbutane)	60	Pass	ND
Hexanes (2,3-dimethylbutane)	60	Pass	ND
Hexanes (2-methylpentane)	60	Pass	ND
Hexanes (3-methylpentane)	60	Pass	ND
Isopropyl acetate		Pass	ND
Methalene Chloride	125	Pass	ND
Methanol	250	Pass	ND
n-Hexane		Pass	ND
Pentanes (iso-pentane)		Pass	ND
Pentanes (n-pentane)	750	Pass	ND
Pentanes (neo-pentane)		Pass	ND
Propane	100	Pass	ND
Tetrahydrofuran		Pass	ND
Toluene	150	Pass	ND
Total Xylenes	150	Pass	ND
Trichloroethylene	25	Pass	ND



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Cannabinoid Profile Test Result-Analysis Method :SOP.T.40.020, SOP.T.30.050 Analytical Batch:DA003903

Reagent LOT ID	Dilution	Consumables Id
061119.R02	10	180711
061119.R01	SFN-BX-1025	
061119.R04	40645-905C4-905AL	
061119.R03	850C6-850H	

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).

Filth and foreign Materials-Analysis Method :SOP.T.40.013

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-28/T Stereo Microscope is use for inspection.

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

Analytical Batch:DA003914

Analyte	Results	Action Level
aflatoxin_g2	ND	0.020
aflatoxin_g1	ND	0.020
aflatoxin_b2	ND	0.020
aflatoxin_b1	ND	0.020
ochratoxin_a	ND	0.020

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.

Micro Analysis-Analysis method :SOP.T.40.043

Analytical Batch: DA003906

Reagent LOT/ID	Dilution	Consumables id
060619.R22		
Pathogens	Results	
aspergillus_terreus_1j2	not present in 1 gram.	
aspergillus_niger	not present in 1 gram.	
aspergillus_fumigatus	not present in 1 gram.	
aspergillus_flavus	not present in 1 gram.	
salmonella_specific_gene	not present in 1 gram.	
escherichia_coli_shigella_spp	not present in 1 gram.	

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.





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

Analytical Batch :DA003875

Reagent LOT/ID	Dilution	Consumables ID
061019.R05	1	180711 280653964

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMS).

Heavy Metals Analysis-Analysis-Method:SOP.T.40.050, SOP.T.30.052

Analytical Batch: DA003894

Reagent LOT/ID	Dilution	Consumables ID
060619.R20		50
061119.R06		
061119.R07		
040219.21		
030119.06		
060319.01		

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.

Metal	Result	Action-Level
arsenic	ND	0.2
cadmium	ND	0.2
lead	ND	0.5
mercury	ND	0.1

Abbreviation:ppm=Parts Per Million

Residual SolventsAnalysis Method:SOP.T.40.032

Analytical Batch :DA003896

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 34 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

Jorge Segredo
Lab Director

