



Certificate of Analysis

Powered by Confident Cannabis

ACES

Greensboro, NC 27401
charles.dick@aceshemp.com
(336) 707-7336
Lic. #CBD

Sample: 1911DBL0032.10535

METRC Sample:
Batch #: 90214
Lot #: B

Strain: N.A.

Ordered: 11/04/2019; Sampled: 11/05/2019; Completed: 11/08/2019

CBD_Crude_90214B

Concentrates & Extracts, Full Extract Cannabis Oil, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

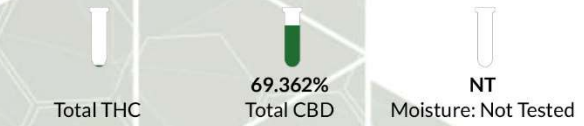
Analyzed by 300.13 GC/FID and GC/MS



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
β-Caryophyllene	0.012	0.424	4.24	
α-Humulene	0.012	0.118	1.18	
α-Bisabolol	0.012	0.088	0.88	
β-Myrcene	0.012	0.081	0.81	
Guaiaol	0.012	0.075	0.75	
cis-Nerolidol	0.008	0.035	0.35	
δ-Limonene	0.012	0.030	0.30	
Linalool	0.012	0.026	0.26	
Caryophyllene Oxide	0.012	0.026	0.26	
δ-3-Carene	0.012	0.018	0.18	
Eucalyptol	0.012	0.012	0.12	
α-Pinene	0.012	<LOQ	<LOQ	
α-Terpinene	0.012	<LOQ	<LOQ	
β-Pinene	0.012	<LOQ	<LOQ	
Camphene	0.012	<LOQ	<LOQ	
cis-Ocimene	0.008	<LOQ	<LOQ	
γ-Terpinene	0.012	<LOQ	<LOQ	
Isopulegol	0.012	<LOQ	<LOQ	
p-Cymene	0.012	<LOQ	<LOQ	
Terpinolene	0.012	<LOQ	<LOQ	
trans-Nerolidol	0.004	<LOQ	<LOQ	
trans-Ocimene	0.004	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.025	3.015	30.15	
CBCa	0.025	0.390	3.90	
CBD	0.025	53.661	536.61	
CBDa	0.025	17.903	179.03	
CBDV	0.025	1.406	14.06	
CBDVa	0.025	0.161	1.61	
CBG	0.025	1.585	15.85	
CBGa	0.025	0.884	8.84	
CBL	0.025	<LOQ	<LOQ	
CBN	0.025	<LOQ	<LOQ	
Δ8-THC	0.025	<LOQ	<LOQ	
Δ9-THC	0.025	<LOQ	<LOQ	
THCa	0.025	0.156	1.56	
THCV	0.025	<LOQ	<LOQ	
THCVa	0.025	<LOQ	<LOQ	

Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD



Stacy Gardalen

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Quality Control

Glen Marquez

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Quality Control



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The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation. NA = Not Analyzed. ND = Not Detected. NR = Not Reported. NT = Not Tested. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.



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CBD_Crude_90214B

Concentrates & Extracts, Full Extract Cannabis Oil, Alcohol



Pesticides				
Analyzed by 300.9 LC/MS/MS and GC/MS/MS				
Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	200	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	1000	<LOQ	Pass
Daminozide	10	800	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Fonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Pacllobutrazol	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

Microbials				
Analyzed by 300.1 Plating/QPCR				
Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Bile-Tolerant Gram-Negative Bacteria	9	100	<LOQ	Pass
Yeast & Mold	90	1000	100	Pass
Qualitative Analysis	Detected or Not Detected			Status
Aspergillus	Not Detected			Pass
E. Coli	Not Detected			Pass
Salmonella	Not Detected			Pass

Mycotoxins				
Analyzed by 300.2 Elisa				
Mycotoxin	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	4.0	20.0	<LOQ	Pass
Ochratoxin A	2.0	20.0	17.2	Pass

Heavy Metals				
Analyzed by 300.8 ICP/MS				
Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	48	2000	<LOQ	Pass
Cadmium	48	820	52	Pass
Lead	48	1200	234	Pass
Mercury	48	400	<LOQ	Pass

Residual Solvents				
Analyzed by 300.13 GC/FID and GC/MS				
Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	76	500	<LOQ	Pass
Heptanes	76	500	<LOQ	Pass
Propane	76	500	<LOQ	Pass



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