



Certificate of Analysis

Powered by Confident Cannabis

ACES

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

Sample: 2001DBL0260.0811.R4

METRC Sample:
 Lot #: 80210

Strain: N/a

Ordered: 01/16/2020; Sampled: 01/16/2020; Completed: 01/27/2020; Analyzed: 01/20/2020

80210 CB T-Free CBD Distillate

Concentrates & Extracts, Distillate



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



<LOQ
 Total Terpenes

Compound	LOQ	Mass	Mass
	%	%	mg/g
α-Bisabolol	0.016	<LOQ	<LOQ
α-Humulene	0.016	<LOQ	<LOQ
α-Pinene	0.016	<LOQ	<LOQ
α-Terpinene	0.016	<LOQ	<LOQ
β-Caryophyllene	0.016	<LOQ	<LOQ
β-Myrcene	0.016	<LOQ	<LOQ
β-Pinene	0.016	<LOQ	<LOQ
Camphene	0.016	<LOQ	<LOQ
Caryophyllene Oxide	0.016	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
cis-Ocimene	0.010	<LOQ	<LOQ
δ-3-Carene	0.016	<LOQ	<LOQ
δ-Limonene	0.016	<LOQ	<LOQ
Eucalyptol	0.016	<LOQ	<LOQ
γ-Terpinene	0.016	<LOQ	<LOQ
Guaiol	0.016	<LOQ	<LOQ
Isopulegol	0.016	<LOQ	<LOQ
Linalool	0.016	<LOQ	<LOQ
p-Cymene	0.016	<LOQ	<LOQ
Terpinolene	0.016	<LOQ	<LOQ
trans-Nerolidol	0.005	<LOQ	<LOQ
trans-Ocimene	0.005	<LOQ	<LOQ

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



<LOQ
 Total THC



90.181%
 Total CBD



NT
 Moisture: Not Tested

93.000%
 Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.026	<LOQ	<LOQ	
CBCa	0.026	<LOQ	<LOQ	
CBD	0.026	90.181	90.181	
CBDa	0.026	<LOQ	<LOQ	
CBDV	0.026	1.107	11.07	
CBDVa	0.026	<LOQ	<LOQ	
CBG	0.026	1.650	16.50	
CBGa	0.026	<LOQ	<LOQ	
CBL	0.026	<LOQ	<LOQ	
CBN	0.026	0.062	0.62	
Δ8-THC	0.026	<LOQ	<LOQ	
Δ9-THC	0.026	<LOQ	<LOQ	
THCa	0.026	<LOQ	<LOQ	
THCV	0.026	<LOQ	<LOQ	
THCVa	0.026	<LOQ	<LOQ	

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



AMERICAN
 CULTIVATION &
 EXTRACTION
 SERVICES LLC

Notes: Changed sample name from "ACES" to "80210 CB T-Free CBD Distillate"



Stacy Gardalen

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 Quality Control

Glen Marquez

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 Quality Control



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This report is considered highly confidential and the sole property of the customer. DB Labs will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. 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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METRC Sample:
 Lot #: 80210

Strain: N/A

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80210 CB T-Free CBD Distillate

Concentrates & Extracts, Distillate



Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

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
Flonicamid	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

Pass

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	<LOQ	Pass

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

Mycotoxins

Analyzed by 300.2 Elisa

Pass

Mycotoxin	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	4.0	20.0	<LOQ	Pass
Ochratoxin A	2.0	20.0	3.2	Pass

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	48	2000	195	Pass
Cadmium	48	820	<LOQ	Pass
Lead	48	1200	<LOQ	Pass
Mercury	48	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	100	500	<LOQ	Pass
Heptanes	100	500	<LOQ	Pass
Propane	100	500	<LOQ	Pass



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