



Certificate of Analysis

Powered by Confident Cannabis

Open Book Extracts

Roxboro, NC 27574
 testing@openbookextracts.com
 (336) 592-7317
 Lic. #

Sample: 2012DBL0268.12167

METRC Sample:
 Lot #: CBN-087-201201

Strain: CBN
 Ordered: 12/17/2020; Sampled: 12/18/2020; Completed: 12/23/2020

CBN Isolate

Concentrates & Extracts, Cannabinoid Isolate, Multiple Solvents



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	0.012	<LOQ	<LOQ
α-Humulene	0.012	<LOQ	<LOQ
α-Pinene	0.012	<LOQ	<LOQ
α-Terpinene	0.012	<LOQ	<LOQ
β-Caryophyllene	0.012	<LOQ	<LOQ
β-Myrcene	0.012	<LOQ	<LOQ
β-Pinene	0.012	<LOQ	<LOQ
Camphene	0.012	<LOQ	<LOQ
Caryophyllene Oxide	0.012	<LOQ	<LOQ
cis-Nerolidol	0.008	<LOQ	<LOQ
cis-Ocimene	0.008	<LOQ	<LOQ
δ-3-Carene	0.012	<LOQ	<LOQ
δ-Limonene	0.012	<LOQ	<LOQ
Eucalyptol	0.012	<LOQ	<LOQ
γ-Terpinene	0.012	<LOQ	<LOQ
Geraniol	0.012	<LOQ	<LOQ
Guaiol	0.012	<LOQ	<LOQ
Isopulegol	0.012	<LOQ	<LOQ
Linalool	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



<LOQ
 Total THC



<LOQ
 Total CBD



NT
 Moisture: Not Tested

99.950%
 Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.042	<LOQ	<LOQ	
CBCa	0.042	<LOQ	<LOQ	
CBD	0.042	<LOQ	<LOQ	
CBDa	0.042	<LOQ	<LOQ	
CBDV	0.042	<LOQ	<LOQ	
CBDVa	0.042	<LOQ	<LOQ	
CBG	0.042	<LOQ	<LOQ	
CBGa	0.042	<LOQ	<LOQ	
CBL	0.042	<LOQ	<LOQ	
CBN	0.042	99.950	999.50	
Δ8-THC	0.042	<LOQ	<LOQ	
Δ9-THC	0.042	<LOQ	<LOQ	
THCa	0.042	<LOQ	<LOQ	
THCV	0.042	<LOQ	<LOQ	
THCVa	0.042	<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



4439 Polaris Ave
 Las Vegas, NV
 (702) 728-5180

www.dblabslv.com

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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CBN Isolate

Concentrates & Extracts, Cannabinoid Isolate, Multiple Solvents



Pesticides		Pass		
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
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		Not Tested		
Analyzed by 300.1 Plating/QPCR				
Quantitative Analysis	LOQ	Limit	Mass	Status
Qualitative Analysis	Detected or Not Detected			Status

Mycotoxins		Pass		
Analyzed by 300.2 Elisa				
Mycotoxin	LOQ	Limit	Status	
	PPB	PPB		
Aflatoxins	4.0	10.0	Pass	
Ochratoxin A	2.0	10.0	Pass	

Heavy Metals		Pass		
Analyzed by 300.8 ICP/MS				
Element	LOQ	Limit	Status	
	PPB	PPB		
Arsenic	62	1000	Pass	
Cadmium	62	410	Pass	
Lead	62	600	Pass	
Mercury	62	200	Pass	

Residual Solvents		Pass		
Analyzed by 300.13 GC/FID and GC/MS				
Compound	LOQ	Limit	Status	
	PPM	PPM		
Butanes	79	250	Pass	
Ethanol	79		Tested	
Heptanes	79	250	Pass	
Propane	79	250	Pass	



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