

NC Controlled Substance License #: NC-DHHS-1002881
 DEA Controlled Substance License #: RD0577986
 ISO 17025 Certification: PENDING
 Proficiency Testing Enrolled: Hemp PT Program U of Kentucky
 Regulatory Services

9
ANALYTICAL
Delta 9 Analytical
 Professional, Accurate, Responsive

Laboratory Location
 6308 Angus Drive, Ste B
 Raleigh NC 27617
 919-673-7153 / 919-450-1870
 frank@delta9analytical.com
 michael@delta9analytical.com

Client Name: **Cannabis Consortium**
 Client Address: 5013 Old Elizabeth Rd
 Raleigh, NC 27616
 Grower/Processor Lic#: **NC 1017**

Sample ID: **3040**
 Received Date: 07292021
 Reported Date: 08092021
 Test(s) Ordered: **Full Panel**

Sample Name: **BaOx CBD**
 Sample Type: Extract
 Sample Matrix: **Tincture**
 Sample Size: 1oz Test Size: 10g

<p style="text-align: center;">CANNABINOID SUMMARY</p> <div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>TOTAL CANNABINOIDS: 3.957%</p> <p>TOTAL CBD: 35.29 mg/g (1059 mgs/oz)</p> <p>TOTAL THC: 0.0952%</p> <p>Δ9-THC: 0.0952%</p> </div>	<p>BATCH PHOTO</p> 	<p style="text-align: center;">TERPENE SUMMARY</p> <div style="border: 1px solid black; padding: 5px; margin: 5px; text-align: center;"> <p>TOTAL: 0.0919%</p> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px; text-align: center;"> <p>PRIMARY AROMAS</p> <p>Minty, Earthy, Woody, Spicy, Sweet, Floral</p> </div>
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CANNABINOIDS (Liquid Chromatography Mass Spectrometry - LCMS)

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.015	Cannabidiolic Acid (CBDA)	0.4903	4.903	0.015
Δ8-THC	ND	ND	0.015	Δ9-THC Acid (THCA)	ND	ND	0.015
Cannabichromene (CBC)	0.1497	1.497	0.015	THC-varian (THCV)	ND	ND	0.015
Cannabigerol (CBG)	0.0938	0.9377	0.015	***Δ9-THC	0.0952	0.9515	0.015
Cannabidiol (CBD)	3.099	30.99	0.015	**TOTAL CANNABINOIDS	3.957	39.57	
Cannabigerolic Acid (CBGA)	ND	ND	0.015	*TOTAL THC	0.0952	0.9515	
Cannabidivarin (CBDV)	0.0292	0.2919	0.015	*TOTAL CBD	3.529	35.29	

TERPENES (GC FID)

*Calculated as follows: Total CBD/G = CBD/GA% (0.877) + CBD/G%. Total THC = THCA% (0.877) + Δ9-THC %. **Total Cannabinoids is the absolute sum of all cannabinoids detected. ND = Not Detected

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Isopulegol	0.0197	0.1971	0.005	Terpinolene	ND	ND	0.005
α-Humulene	0.0191	0.1912	0.005	Eucalyptol	ND	ND	0.005
β-Caryophyllene	0.0143	0.1427	0.005	δ-Limonene	ND	ND	0.005
α-Bisabolol	0.0122	0.1222	0.005	β-Pinene	ND	ND	0.005
Guaiol	0.0104	0.1042	0.005	α-Pinene	ND	ND	0.005
trans-Nerolidol 2	0.0101	0.1015	0.005	γ-Terpinene	ND	ND	0.005
cis-Nerolidol 1	0.0070	0.0704	0.005	β-Ocimene 2	ND	ND	0.005
Linalool	ND	ND	0.005	Camphene	ND	ND	0.005
Caryophyllene Oxide	ND	ND	0.005	Geraniol	ND	ND	0.005
α-Terpinene	ND	ND	0.005	α-Ocimene 1	ND	ND	0.005
p-Cymene	ND	ND	0.005	3-Carene	ND	ND	0.005
β-Myrcene	ND	ND	0.005				

<p>RESULT CERTIFICATION</p> <p> 08092021</p> <p>Frank P. Mauro COO/Michael R. Horton CSO & Date</p>	 <p>Michael Horton Frank Mauro</p>		<p>Scan QR Code to verify COA at www.delta9analytical.com</p>
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PESTICIDES (61 pesticides by Liquid Chromatography Mass Spectrometry – LCMS; ND = Not Detected)

ANALYTE	LOQ (PPB)	MASS (PPB)	ANALYTE	LOQ (PPB)	MASS (PPB)	ANALYTE	LOQ (PPB)	MASS (PPB)
Acephate	100	ND	Dimethomorph	100	ND	Permethrin	100	ND
Acequinocyl	100	ND	Ethoprophos	100	ND	Phosmet	100	ND
Acetamiprid	100	ND	Etofenprox	100	ND	Piperonyl butoxide	100	ND
Aldicarb	100	ND	Etoxazole	100	ND	Prallethrin	100	ND
Abamectin B1a	100	ND	Fenhexamid	100	ND	Propiconazole	100	ND
Azoxystrobin	100	ND	Fenoxycarb	100	ND	Propoxur	100	ND
Bifenazate (D 2341)	100	ND	Fenpyroximate	100	ND	Pyrethrin I	100	ND
Bifenthrin	100	ND	Flonicamid	100	ND	Pyrethrin II	100	ND
Boscalid (Nicobifen)	100	ND	Hexythiazox	100	ND	Pyridaben	100	ND
Carbaryl	100	ND	Imazalil	100	ND	Spinetoram J	100	ND
Carbofuran	100	ND	Imidacloprid	100	ND	Spinetoram L	100	ND
Chlorantraniliprole	100	ND	Kresoxim methyl	100	ND	Spinosyn A	100	ND
Chlorpyrifos	100	ND	Malathion	100	ND	Spinosyn D	100	ND
Clofentezin	100	ND	Metalaxyl	100	ND	Spiromesifen	100	ND
Coumaphos	100	ND	Methiocarb	100	ND	Spirotetramat	100	ND
Cyfluthrin	100	ND	Methomyl	100	ND	Spiroxamine	100	ND
Cypermethrin	100	ND	Mevinphos	100	ND	Tebuconazole	100	ND
Daminozide	100	ND	Myclobutanil	100	ND	Thiacloprid	100	ND
Diazinon (Dimpylate)	100	ND	Oxamyl	100	ND	Thiamethoxam	100	ND
Dichlorvos	100	ND	Pacloutrazol	100	ND	Trifloxystrobin	100	ND
Dimethoate	100	ND						

HEAVY METALS

Analyte	Mass (PPM)	LOQ (PPM)
Arsenic	<0.001	0.001
Cadmium	0.165	0.015
Lead	<0.015	0.015
Mercury	0.002	0.001

Method: ICP-MS **ND** = Not Detected

MICROBIALS

Organism	Results (CFU)
Aspergillus fumigatus	PASS
Aspergillus terreus	PASS
Aspergillus niger	PASS
Aspergillus flavus	PASS
TOTAL Entero bacteriaceae	PASS
E. Coli	PASS

Method: DRBC agar, Total Aerobic Dip slide; Total Enterobacteriaceae & E. coli Petrifilm

MYCOTOXINS

Toxin	LOQ PPM	Units PPM
Aflatoxin B1	20.00	ND
Aflatoxin B2	20.00	ND
Aflatoxin G1	20.00	ND
Aflatoxin G2	20.00	ND
TOTAL Aflatoxins	20.00	ND
Ochratoxin A	20.00	ND

Method: LCMS **ND** = Not Detected

RESULT CERTIFICATION

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 Frank P. Mauricio COO/Michael R. Horton CSO & Date


 Michael Horton Frank Mauro



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RESIDUAL SOLVENTS

Solvent	Result (PPM)	LOQ (PPM)	Solvent	Result (PPM)	LOQ (PPM)	Solvent	Result (PPM)	LOQ (PPM)
Acetone	ND	25	Ethanol	ND	100	2-Propanol	ND	25
Acetonitrile	ND	5	Ethyl Acetate	ND	5	Toluene	ND	1
Benzene	ND	1	(C7) n-Heptane	ND	5	Trichloroethene	ND	1
Chloroform	ND	1	(C6) n-Hexane	ND	5	m-Xylene	ND	5 total
Cyclohexane	ND	6	Methanol	ND	25	o-Xylene	ND	5 total
1,2-Dichloroethane	ND	1	Methylene Chloride	ND	1	p-Xylene	ND	5 total
Diethyl ether	ND	20	(C5) n-Pentane	ND	5			

Performed on GC FID

ND = Not Detected

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