



Steven W. Troxler
Commissioner

North Carolina Department of Agriculture
and Consumer Services
Plant Industry Division

Phillip L. Wilson
Director

Joy A. Goforth
Plant Pest Administrator

Brian D. Bowers
Seed and Fertilizer
Administrator

Total THC Test Report

Sample Submitted By:

NCDA&CS Plant Industry Division
216 West Jones Street
Raleigh, NC 27603

Date of Sample Submission: 7/15/2020

Sample ID: EBN-NC1447-00011

Grower/Applicant Name: Louis Rubio

License Number: 1447

Variety: Baox

Comments:

Final Report

Total Delta-9 (Δ^9) THC (%): **0.15**

Approved By: Paul R. Adams SSS

Date: **7/31/2020**

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



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

Client Acct#: 49
Client Name: Hemp Generation
Client Address: 124 SW Maynard Rd Ste A
Cary, NC 27511

NC Hemp Lic: 1447
Received Date: 08202020
Reported Date: 08232020
Sample ID: 0000310

Sample Strain: Baos
Sample Type: Flower
Sample Matrix: Cured Hemp
Sample Size: 2.12g

CANNABINOID SUMMARY

TOTAL CANNABINOIDS:
16.52%
TOTAL CBD: 12.54%
TOTAL THC: 0.6411%
Δ9-THC: 0.0891%

BATCH PHOTO



TERPENE SUMMARY

TOTAL: 1.223%

PRIMARY AROMAS
Woody, Earthy, Piney,
Spicy, Sweet

CANNABINOIDS (Liquid Chromatography Mass Spectrometry)

MOISTURE (loss on drying): 4.89%

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.01	Cannabidolic Acid (CBDA)	13.5696	135.7	0.01
Δ8-THC	ND	ND	0.01	Δ9-THC Acid (THCA)	0.6294	6.294	0.01
Cannabichromene (CBC)	0.0391	0.391	0.01	THC-varian (THCV)	ND	ND	0.01
Cannabigerol (CBG)	0.0799	0.799	0.01	***Δ9-THC	0.0891	0.891	0.01
Cannabidiol (CBD)	0.6394	6.394	0.01	**TOTAL CANNABINOIDS	16.5202	165.2	
Cannabigerolic Acid (CBGA)	1.4737	14.74	0.01	*TOTAL THC	0.6411	6.411	
Cannabidivarin (CBDV)	ND	ND	0.01	*TOTAL CBD	12.54	125.4	

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 (%)
β-Myrcene	0.7005	7.005	0.002	Camphene	ND	ND	0.002
β-Ocimene 2	0.2307	2.307	0.002	Eucalyptol	ND	ND	0.002
β-Caryophyllene	0.1756	1.756	0.002	Geraniol	ND	ND	0.002
δ-Limonene	0.158	1.580	0.002	α-Terpinene	ND	ND	0.002
α-Humulene	0.068	0.680	0.002	γ-Terpinene	ND	ND	0.002
α-Pinene	0.0641	0.641	0.002	Terpinolene	ND	ND	0.002
α-Bisabolol	0.022	0.220	0.002	3-Carene	ND	ND	0.002
Guaiol	0.018	0.180	0.002	Isopulegol	ND	ND	0.002
Linalool	0.017	0.170	0.002	β-Pinene	ND	ND	0.002
α-Ocimene 1	0.0127	0.127	0.002	cis-Nerolidol 1	ND	ND	0.002
trans-Nerolidol 2	0.0123	0.123	0.002	p-Cymene	ND	ND	0.002
Caryophyllene Oxide	ND	ND	0.002				

SAMPLE CERTIFICATION

 08/29/2020
Frank P. Mauro COO/Michael R. Horton CSO & Date



Scan QR Code
to verify COA at
www.delta9analytical.com

Testing results are based solely upon the sample submitted to Delta 9 Analytical, LLC. (D9A) In the condition it was received. D9A warrants that all analytical work is conducted professionally in accordance with all applicable standard practices using validated methods utilizing certified reference standards. ***The uncertainty of measurement associated with the measurement result reported in this certificate is available from D9A upon request. This report may not be reproduced, except in full, without the written approval of D9A.

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PESTICIDES (48 pesticides by LCMS)

ANALYTE	LOQ (PPB)	MASS (PPB)	ANALYTE	LOQ (PPB)	MASS (PPB)	ANALYTE	LOQ (PPB)	MASS (PPB)
Abamectin B1a	89	ND	Etiozazole	100	ND	Paclobutrazol	100	ND
Acephate	100	ND	Fenhexamide	100	ND	Piperonyl Butoxide	100	ND
Acetamiprid	100	ND	Fenoxycarb	100	ND	Propiconazole	100	ND
Aldicarb	100	ND	Fenpyroximate	100	ND	Propoxur	100	ND
Azoxystrobin	100	ND	Fipronil	100	ND	Pyrethrin 1	27	ND
Bifenazate	100	ND	Flonicamid	100	ND	Pyridaben	100	ND
Boscalid	100	ND	Fludioxinol	100	ND	Spinosyn A	48	230
Carbaryl	100	ND	Imazalil	100	ND	Spinosyn D	53	290
Carbofuran	100	ND	Imidacloprid	100	ND	Spinosyn J	80	ND
Chlorantraniliprole	100	ND	Kresoxim Methyl	100	ND	Spiromesifen	100	ND
Cypermethrin	100	ND	Malathion	100	ND	Spirotetramat	100	ND
Diazinon	100	ND	Metalaxyl	100	ND	Spiroxamine	100	ND
Dimethoate	100	ND	Methomyl	100	ND	Tebuconazole	100	ND
Dimethomorph	100	ND	Mevinphos	100	ND	Thiacloprid	100	ND
Ethoprophos	100	ND	Myclobutanil	100	ND	Thiamethozam	100	ND
Etofenprox	100	ND	Oxamyl	100	ND	Trifloxystrobin	100	ND

HEAVY METALS

Analyte	Mass (PPM)	LOQ (PPM)
Arsenic	ND	3
Cadmium	ND	3
Lead	ND	3
Mercury	ND	1

Method: ICP-MS ND = Not Detected

MICROBIALS

Organism	Results (CFU)
TOTAL Yeast/Mold	10 ¹ CFU
TOTAL Aerobic	<10 ³ CFU
TOTAL Entero Bacteriaceae	Negative
E. Coli	Negative

Method: Petrifilm/Dip Slide Culture

MYCOTOXINS

Toxin	LOQ/Limit PPM	Units PPM
B1	20.0	ND
B2	20.0	ND
G1	20.0	ND
G2	20.0	ND
Ochratoxin A	20.0	ND

Method: LCMS ND = Not Detected

RESULT CERTIFICATION

 08/29/2020
Frank P. Mauricio COO/Michael R. Horton CSO & Date



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lytical.com

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