

CERTIFICATE OF ANALYSIS

* FOR QUALITY ASSURANCE PURPOSES. NOT A MAINE COMPLIANCE CERTIFICATE.

IV-20230601 (EXTRACT) // PRODUCED: JUN 12, 2023

CLIENT: CANNEUTICS, LLC // BATCH: PASS



MATRIX: EXTRACT ¹
SAMPLE ID: NAL-230601-082
COLLECTED ON: JUN 01, 2023
RECEIVED ON: JUN 01, 2023
BATCH SIZE: 3 KG ¹
SAMPLE SIZE: 3.2 G ¹
SAMPLED BY: KEVIN P. MCALOON
RECEIVED BY: CJ LANGLEY

¹ ENTERED BY CLIENT

CANNABINOID OVERVIEW

CBD:	48.4 %
CBC:	2.36 %
TOTAL CANNABINOIDS:	53.2 %

CULTIVATOR INFO

CULTIVATOR
KEVIN MCALOON
LICENSE
CGR26593
MEDICINAL - CAREGIVER

MANUFACTURER INFO

MANUFACTURER
KEVIN MCALOON
LICENSE
CGR26593
MEDICINAL - CAREGIVER

BATCH RESULT: **PASS**

POTENCY	TESTED
METALS	PASS
MYCOTOXINS	PASS
PESTICIDES	PASS
SOLVENTS	PASS
TERPENES	TESTED

CAN.1: POTENCY & CANNABINOID PROFILE BY HPLC-UV PREPARATION: JUN 02, 2023 // ANALYSIS: JUN 06, 2023

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (%)	PASS/FAIL
CBC	2.36 %	23.6 mg/g	0.142/0.710	N/A	
CBCA	ND	ND	0.142/0.710	N/A	
CBD	48.4 %	484 mg/g	0.142/0.710	N/A	
CBDA	ND	ND	0.142/0.710	N/A	
 CBDV	< LOQ	< LOQ	0.142/0.710	N/A	
 CBDVA	ND	ND	0.142/0.710	N/A	
 CBG	1.26 %	12.6 mg/g	0.142/0.710	N/A	
 CBGA	ND	ND	0.142/0.710	N/A	
 CBL	ND	ND	0.142/0.710	N/A	
 CBLA	ND	ND	0.142/0.710	N/A	
 CBN	ND	ND	0.142/0.710	N/A	

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (%)	PASS/FAIL
CBNA		ND	ND	0.142/0.710	N/A
Δ⁸-THC		ND	ND	0.142/0.710	N/A
Δ⁸-THCA		ND	ND	0.142/0.710	N/A
Δ⁹-THC	1.18 %	11.8 mg/g	0.142/0.710	N/A	
Δ¹⁰-THC		ND	ND	0.142/0.710	N/A
EXO-THC		ND	ND	0.142/0.710	N/A
THCA		ND	ND	0.142/0.710	N/A
THCV		ND	ND	0.142/0.710	N/A
THCVA		ND	ND	0.142/0.710	N/A
TOTAL THC**	1.18 %	11.8 mg/g		N/A	
TOTAL CBD**	48.4 %	484 mg/g		N/A	

** TOTAL CBD = (CBDA X 0.877) + CBD

** TOTAL THC = (THCA X 0.877) + THC

Reported on an as received basis

1000 µg/g = 1 mg/g



AUTHORIZED BY:
ZACHARY SMITH
LABORATORY MANAGER, NOVA
ANALYTIC LABS
JUN 12, 2023

TRP.2: TERPENES BY LIQUID INJECT GCMS
 PREPARATION: JUN 06, 2023 // ANALYSIS: JUN 06, 2023

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	1.53 %	15.3 mg/g		N/A
β-CARYOPHYLLENE	0.401 %	4.01 mg/g	0.148/0.297	N/A
α-BISABOLOL	0.363 %	3.63 mg/g	0.148/0.297	N/A
GUAJOL	0.263 %	2.63 mg/g	0.148/0.297	N/A
CARYOPHYLLENE OXIDE	0.257 %	2.57 mg/g	0.148/0.297	N/A
α-HUMULENE	0.187 %	1.87 mg/g	0.148/0.297	N/A
FARNESENE	0.0614 %	0.614 mg/g	0.148/0.297	N/A
BORNEOL	< LOQ	< LOQ	0.148/0.297	N/A
ENDO FENCHYL ALCOHOL	< LOQ	< LOQ	0.148/0.297	N/A
LINALOOL	< LOQ	< LOQ	0.148/0.297	N/A
TERPINEOL	< LOQ	< LOQ	0.148/0.297	N/A
(-)-VERBENONE	ND	ND	0.148/0.297	N/A
2-PIPERIDONE	ND	ND	0.148/0.297	N/A
α-CEDRENE	ND	ND	0.148/0.297	N/A
α-PHELLANDRENE	ND	ND	0.148/0.297	N/A
α-PINENE	ND	ND	0.148/0.297	N/A
α-TERPINENE	ND	ND	0.148/0.297	N/A
α-THUJONE	ND	ND	0.148/0.297	N/A
β-MYRCENE	ND	ND	0.148/0.297	N/A
β-PINENE	ND	ND	0.148/0.297	N/A
CAMPHENE	ND	ND	0.148/0.297	N/A
CAMPHOR	ND	ND	0.148/0.297	N/A
CARVACROL	ND	ND	0.148/0.297	N/A
CEDROL	ND	ND	0.148/0.297	N/A
CIS-β-OCIMENE	ND	ND	0.148/0.297	N/A
CITRAL	ND	ND	0.148/0.297	N/A
CITRONELLOL	ND	ND	0.148/0.297	N/A
D-CARVONE	ND	ND	0.148/0.297	N/A
D-LIMONENE	ND	ND	0.148/0.297	N/A
Δ ³ -CARENE	ND	ND	0.148/0.297	N/A

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
E-NEROLIDOL	ND	ND	0.148/0.297	N/A
EUCALYPTOL	ND	ND	0.148/0.297	N/A
FARNESOL	ND	ND	0.148/0.297	N/A
FENCHONE	ND	ND	0.148/0.297	N/A
γ-TERPINENE	ND	ND	0.148/0.297	N/A
GERANIOL	ND	ND	0.148/0.297	N/A
GERANYL ACETATE	ND	ND	0.148/0.297	N/A
ISOBORNEOL	ND	ND	0.148/0.297	N/A
ISOBORNYL ACETATE	ND	ND	0.148/0.297	N/A
ISOPULEGOL	ND	ND	0.148/0.297	N/A
M-CYMENE	ND	ND	0.148/0.297	N/A
MENTHOL	ND	ND	0.148/0.297	N/A
MENTHONE	ND	ND	0.148/0.297	N/A
NEROL	ND	ND	0.148/0.297	N/A
O-CYMENE	ND	ND	0.148/0.297	N/A
OCTYL ACETATE	ND	ND	0.148/0.297	N/A
P-CYMENE	ND	ND	0.148/0.297	N/A
PHYTANE	ND	ND	0.148/0.297	N/A
PIPERITONE	ND	ND	0.148/0.297	N/A
PULEGONE	ND	ND	0.148/0.297	N/A
SABINENE	ND	ND	0.148/0.297	N/A
SABINENE HYDRATE	ND	ND	0.148/0.297	N/A
SAFRANAL	ND	ND	0.148/0.297	N/A
TERPINEN-4-OL	ND	ND	0.148/0.297	N/A
TERPINOLENE	ND	ND	0.148/0.297	N/A
THYMOL	ND	ND	0.148/0.297	N/A
TRANS-β-OCIMENE	ND	ND	0.148/0.297	N/A
VALENCENE	ND	ND	0.148/0.297	N/A
Z-NEROLIDOL	ND	ND	0.148/0.297	N/A

RSOL.1: RESIDUAL SOLVENTS, POISONS AND TOXINS BY HEADSPACE GC-MS
 PREPARATION: JUN 02, 2023 // ANALYSIS: JUN 02, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.483/0.966	PASS
ACETONE	5000 µg/g	ND	48.3/96.6	PASS
ACETONITRILE	410 µg/g	ND	9.66/19.3	PASS
BENZENE	1 µg/g	ND	0.483/0.966	PASS
BUTANE	5000 µg/g	ND	0.966/2.41	PASS
CHLOROFORM	1 µg/g	ND	0.483/0.966	PASS
ETHANOL	5000 µg/g	62.8	19.3/48.3	PASS
ETHYL ACETATE	5000 µg/g	ND	9.66/19.3	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.483/0.966	PASS
ETHYL ETHER	5000 µg/g	ND	9.66/19.3	PASS
HEPTANE	5000 µg/g	ND	9.66/19.3	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
HEXANE	290 µg/g	ND	0.966/2.41	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	48.3/96.6	PASS
METHANOL	3000 µg/g	< LOQ	48.3/96.6	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.483/0.966	PASS
PENTANE	5000 µg/g	ND	9.66/19.3	PASS
PROPANE	5000 µg/g	ND	19.3/38.6	PASS
TOLUENE	890 µg/g	ND	4.83/9.66	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.483/0.966	PASS
O-XYLENE	2170 µg/g	ND	9.66/19.3	PASS
P- AND M-XYLENE	2170 µg/g	ND	19.3/38.6	PASS
TOTAL XYLENES	2170 µg/g	ND		PASS

PST.2: PESTICIDES, INSECTICIDES, FUNGICIDES AND GROWTH REGULATORS BY LC-HRMS
 PREPARATION: JUN 02, 2023 // ANALYSIS: JUN 02, 2023

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
ABAMECTIN	500 µg/kg	ND	146/195	PASS
ACEPHATE	400 µg/kg	ND	146/195	PASS
ACEQUINOCYL	2000 µg/kg	ND	146/973	PASS
ACETAMIPRID	200 µg/kg	ND	146/146	PASS
ALDICARB	400 µg/kg	ND	146/195	PASS
AZOXYSTROBIN	200 µg/kg	ND	146/146	PASS
BIFENAZATE	200 µg/kg	ND	146/146	PASS
BIFENTHRIN	200 µg/kg	ND	146/146	PASS
BOSCALID	400 µg/kg	ND	146/195	PASS
CARBARYL	200 µg/kg	ND	146/146	PASS
CARBOFURAN	200 µg/kg	ND	146/146	PASS
CHLORANTRANILIPROLE	200 µg/kg	ND	146/146	PASS
CHLORFENAPYR	1000 µg/kg	ND	146/487	PASS
CHLORPYRIFOS	200 µg/kg	ND	146/146	PASS
CLOFENTEZINE	200 µg/kg	ND	146/146	PASS
CYFLUTHRIN	1000 µg/kg	ND	146/487	PASS
CYPERMETHRIN	1000 µg/kg	ND	146/487	PASS
DAMINOZIDE	1000 µg/kg	ND	146/487	PASS
DIAZINON	200 µg/kg	ND	146/146	PASS
DICHLORVOS	1000 µg/kg	ND	146/487	PASS
DIMETHOATE	200 µg/kg	ND	146/146	PASS
ETHOPROPHOS	200 µg/kg	ND	146/146	PASS
ETOFENPROX	400 µg/kg	ND	146/195	PASS

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
METHIOCARB	200 µg/kg	ND	146/146	PASS
METHOMYL	400 µg/kg	ND	146/195	PASS
MGK-264	200 µg/kg	ND		PASS
MGK-264 I		ND	89.0/89.0	N/A
MGK-264 II		ND	56.9/56.9	N/A
MYCLOBUTANIL	200 µg/kg	ND	146/146	PASS
NALED	500 µg/kg	ND	146/195	PASS
OXAMYL	1000 µg/kg	ND	146/487	PASS
PACLOBUTRAZOL	400 µg/kg	ND	146/195	PASS
PARATHION-METHYL	200 µg/kg	ND	146/146	PASS
PERMETHRIN	200 µg/kg	ND		PASS
PERMETHRIN CIS		ND	62.8/62.8	N/A
PERMETHRIN TRANS		ND	83.2/83.2	N/A
PHOSMET	200 µg/kg	ND	146/146	PASS
PIPERONYLBUTOXIDE	2000 µg/kg	ND	146/973	PASS
PRALLETHRIN	200 µg/kg	ND	146/146	PASS
PROPICONAZOLE	400 µg/kg	ND	146/195	PASS
PROPOXUR	200 µg/kg	ND	146/146	PASS
PYRETHRINS	1000 µg/kg	ND		PASS
PYRETHRINS CINERIN I		ND	97.2/97.2	N/A



ETOXAZOLE	200 µg/kg	ND	146/146	PASS
FENOXYCARB	200 µg/kg	ND	146/146	PASS
FENPYROXIMATE	400 µg/kg	ND	146/195	PASS
FIPRONIL	400 µg/kg	ND	146/195	PASS
FLONICAMID	1000 µg/kg	ND	146/487	PASS
FLUDIOXONIL	400 µg/kg	ND	146/195	PASS
HEXYTHIAZOX	1000 µg/kg	ND	146/487	PASS
IMAZALIL	200 µg/kg	ND	146/146	PASS
IMIDACLOPRID	400 µg/kg	ND	146/195	PASS
KRESOXIM-METHYL	400 µg/kg	ND	146/195	PASS
MALATHION	200 µg/kg	ND	146/146	PASS
METALAXYL	200 µg/kg	ND	146/146	PASS

PYRETHRINS CINERIN II		ND	99.2/99.2	N/A
PYRETHRINS JASMOLIN I		ND	78.8/78.8	N/A
PYRETHRINS JASMOLIN II		ND	61.3/61.3	N/A
PYRETHRINS PYRETHRIN I		ND	452/452	N/A
PYRETHRINS PYRETHRIN II		ND	267/267	N/A
PYRIDABEN	200 µg/kg	ND	146/146	PASS
SPINOSAD	200 µg/kg	ND	146/146	PASS
SPIROMESIFEN	200 µg/kg	ND	146/146	PASS
SPIROTETRAMAT	200 µg/kg	ND	146/146	PASS
SPIROXAMINE	400 µg/kg	ND	146/195	PASS
TEBUCONAZOLE	400 µg/kg	ND	146/195	PASS
THIACLOPRID	200 µg/kg	ND	146/146	PASS
THIAMETHOXAM	200 µg/kg	ND	146/146	PASS
TRIFLOXYSTROBIN	200 µg/kg	ND	146/146	PASS

MYC.1: MYCOTOXINS BY LC-HRMS
PREPARATION: JUN 08, 2023 // ANALYSIS: JUN 09, 2023

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	0.245/0.735	N/A
AFLATOXIN B2		ND	0.735/1.23	N/A
AFLATOXIN G1		ND	0.245/0.735	N/A

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN G2		ND	0.245/1.23	N/A
OCHRATOXIN A		ND	0.490/1.47	N/A
TOTAL MYCOTOXINS	20 µg/kg	ND		PASS

HME.1: HEAVY METALS BY ICP-MS
PREPARATION: JUN 05, 2023 // ANALYSIS: JUN 06, 2023

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
ARSENIC	200 µg/kg	ND	18.1/45.3	PASS
CADMIUM	200 µg/kg	ND	18.1/45.3	PASS

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
LEAD	500 µg/kg	289	18.1/54.4	PASS
MERCURY	100 µg/kg	ND	18.1/36.3	PASS

NOTES

ZACHARY SMITH **POTENCY & CANNABINOID PROFILE BY HPLC-UV**
 JUN 08, 2023 THE STANDARD LAB UNCERTAINTY FOR POTENCY IS 5% OF THE REPORTED VALUE.

** FOR QUALITY ASSURANCE PURPOSES. NOT A MAINE COMPLIANCE CERTIFICATE.*

ALL TESTS WERE PERFORMED IN ACCORDANCE WITH THE RULES AND REGULATIONS SET FORTH IN THE MAINE ADULT USE PROGRAM. LABORATORY SAMPLING PROTOCOLS ARE GOVERNED BY THE OCP'S SAMPLING GUIDANCE DOCUMENTS. ALL INFORMATION PROVIDED BY THE CLIENT, INCLUDING SELF SAMPLING, MUST BE ACCURATE AND ADHERE TO THE SAME RULES AND REGULATIONS. HOWEVER, CLIENT PROVIDED INFORMATION, INCLUDING SAMPLING, IS ULTIMATELY THE RESPONSIBILITY OF THE PROVIDING LICENSEE, REGISTERED CAREGIVER, PATIENT OR THE LIKE AND FAILURE TO FOLLOW SAID PROTOCOLS COULD LEAD TO ERRONEOUS TEST RESULTS. NOTE: NOT ALL POTENTIAL AND/OR EXISTING HAZARDS WERE ANALYZED. THIS CERTIFICATE OF ANALYSIS IS RELEVANT ONLY TO THOSE ITEMS TESTED. THE SAMPLE WAS PROVIDED TO THE LABORATORY FOR TESTING BY THE CLIENT AND THE SAMPLE WAS TESTED AS RECEIVED.

END OF REPORT

