ROGUE RESEARCH LAB

Certificate of Analysis

These test results are for Research and Development purposes only

Horn Creek Hemp

Sample Mango Tree

Strain

<LOQ	**16.06%**	**19.12%**
Δ9 THC	Total CBD	**Total Cannabinoids**
Not tested	**Pass**	**191.2**
Water Activity	**9.37 Moisture**	**mg / g Total Cannabinoids**

Sample ID **23011050550**

Matrix Flower

Harvest/Prod Date

Report Created 1/12/2023

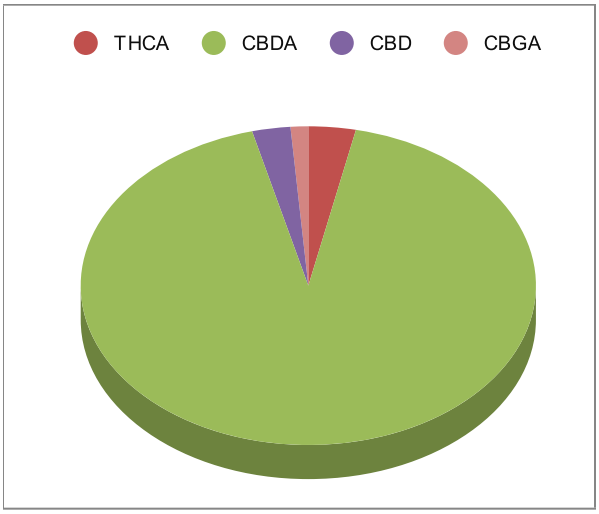
Results Valid Until 1/12/2024

Sample Extracted
1/12/2023 10:15

Sample Analyzed
1/12/2023 15:37

Method SOP LO001-R11

Cannabinoids	%Weight	mg/ gram	LOQ(% /w)
Δ9 THC	<LOQ	<LOQ)	0.06
THCA	0.64	6.4	0.06
Total THC ($_{THCA*0.877)+9THC}$	0.56	5.6	0.11
CBDA	17.72	177.2	0.06
CBD	0.52	5.2	0.06
CBN	<LOQ	<LOQ)	0.06
Δ8 THC	<LOQ	<LOQ)	0.06
CBC	<LOQ	<LOQ)	0.06
CBGA	0.24	2.4	0.06
CBG	<LOQ	<LOQ)	0.06
CBDV	<LOQ	<LOQ)	0.06
CBDVA	<LOQ	<LOQ)	0.06
THCVA	<LOQ	<LOQ)	0.06
CBDQ	<LOQ	<LOQ)	0.06



Total THC and Total CBD are calculated values per OAR 333-064-0100. Cannabinoid values for plant matter samples are reported on a dry weight basis. Water activity action level is 0.65Aw. LOQ= Limit of Quantitation. NR=Not Reported.

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Craig Berry - Lab Director
1/12/23

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Results pertain to submitted samples only. Rogue Research Lab LLC makes no claims as to the consumer safety or other risks associated with any detected or non-detected amounts of any pesticides, solvents or other adulterants. This report shall not be reproduced, unless in its entirety, without written approval from Rogue Research Lab LLC. Samples were received in good condition and all QC samples met acceptance criteria of the method; data available upon request. For informational purposes only.

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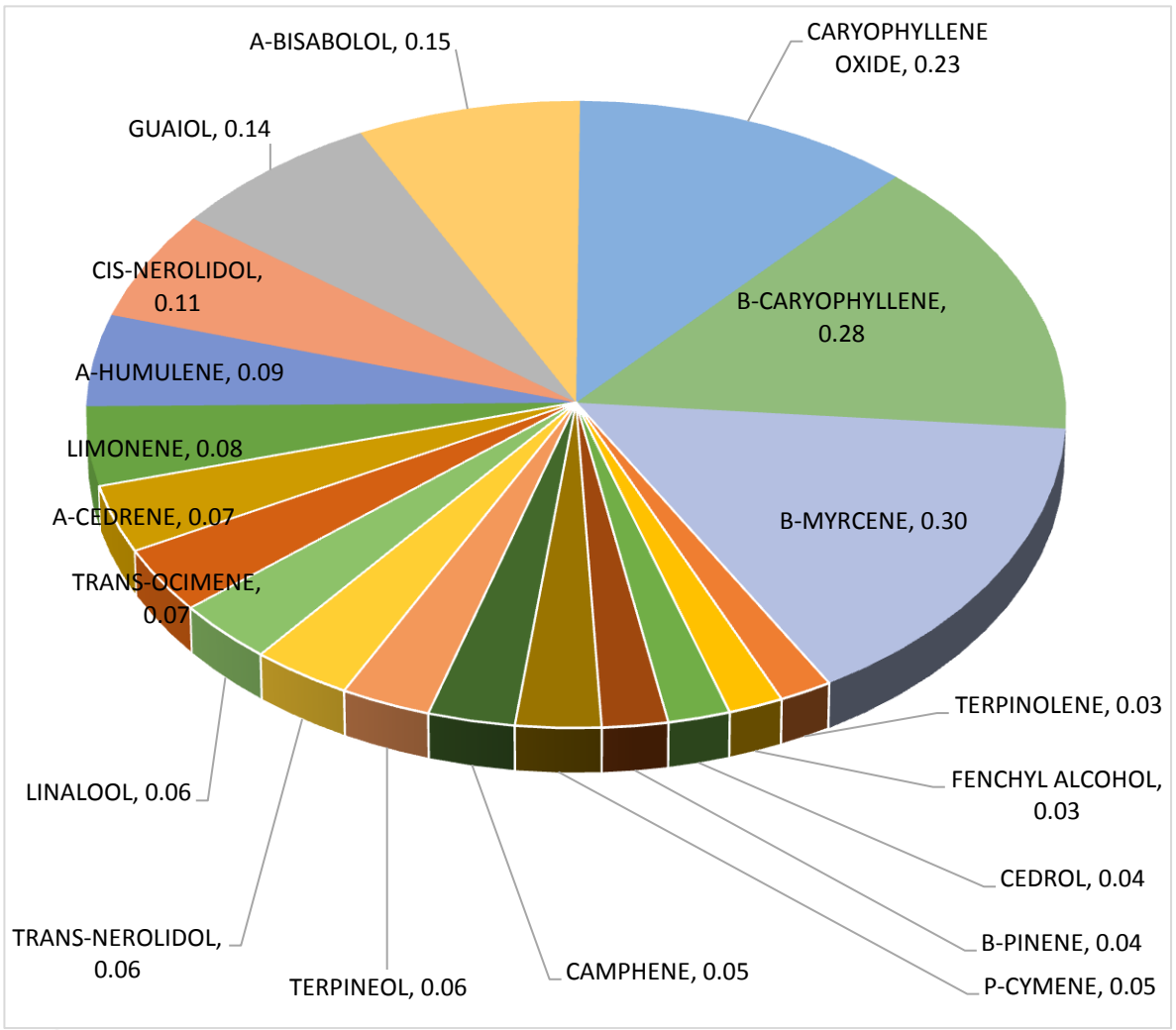
Terpene Analysis

Customer	**Horn Creek Hemp**
Sample Name	**Mango Tree**
File Name	23011050550
Date/Time Extracted:	1/12/2023 10:15
Date/Time Analyzed:	1/12/2023 19:29
Analysis Method/SOP:	LO 001R11/011223RI

TESTED FOR : A-BISABOLOL, A-CEDRENE, A-HUMULENE, A-PHELLANDRENE, A-PINENE, A-TERPINENE, B-CARYOPHYLLENE, B-MYRCENE, BORNEOL, B-PINENE, CAMPHENE, CAMPHOR, CARYOPHYLLENE OXIDE, CEDROL, CIS-NEROLIDOL, D-CARENE, DL-MENTHOL , EUCALYPTOL, FARNESENE, R&L FENCHONE, FENCHYL ALCOHOL, GERANIOL, GERANYL ACETATE, G-TERPINENE, GUAIOL, ISOBORNEOL, ISOPULEGOL, LIMONENE, LINALOOL, NEROL, OCIMENE, P-CYMENE, PULEGONE, SABINENE, TERPINEOL, TERPINOLENE, TRANS-NEROLIDOL, TRANS-OCIMENE, VALENCENE.



Craig Berry - Lab Director 1/13/2023

Terpene total w/w% **1.95**