

CERTIFICATE OF ANALYSIS

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

PRODUCED: FEB 23, 2021

SAMPLE: HEMP HASH (HASH) // **CLIENT:** AARON GRENCHIK



MATRIX: HASH
CATEGORY: INHALABLE
SAMPLE ID: CAM-210219-058
COLLECTED ON: FEB 19, 2021
RECEIVED ON: FEB 19, 2021
BATCH SIZE: .5 GRAMS
SAMPLE SIZE: .5 GRAMS

CANNABINOID OVERVIEW

CBDA:	28.28 %
THCA:	0.77 %
TOTAL CANNABINOIDS:	29.22 %

TESTS TAKEN

POTENCY
 TERPENES

POT-01: CANNABINOID POTENCY ANALYSIS BY HPLC-DAD // FEB 23, 2021

ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL
CBC	ND	0.052/0.172	N/A	CBN	ND	0.085/0.283	N/A
CBD	0.172	0.109/0.363	N/A	Δ ⁸ -THC	ND	0.058/0.193	N/A
CBDA	28.281	0.142/0.474	N/A	Δ ⁹ -THC	ND	0.102/0.34	N/A
CBDV	ND	0.067/0.224	N/A	THCA	0.771	0.088/0.294	N/A
CBG	ND	0.058/0.192	N/A	TOTAL THC **	0.676		N/A
CBGA	ND	0.033/0.109	N/A	TOTAL CBD **	24.974		N/A

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

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

TRP-013: TERPENE ANALYSIS BY GC-MS/HS // FEB 23, 2021

ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	4.390		N/A	SABINENE	ND	0.5/1	N/A
TRANS-CARYOPHYLLENE	1.463	0.5/1	N/A	PULEGONE	ND	0.5/1	N/A
β-MYRCENE	1.171	0.5/1	N/A	SABINENE HYDRATE	ND	0.5/1	N/A
α-BISABOLOL	0.301	0.5/1	N/A	TRANS-NEROLIDOL	ND	0.5/1	N/A
α-HUMULENE	0.291	0.5/1	N/A	(+)-FENCHONE	ND	0.5/1	N/A
CARYOPHYLLENE OXIDE	0.267	0.5/1	N/A	Δ ³ -CARENE	ND	0.5/1	N/A
LIMONENE	0.244	0.5/1	N/A	ISOPULEGOL	ND	0.5/1	N/A
GUAJOL	0.113	0.5/1	N/A	GERANYL ACETATE	ND	0.5/1	N/A
CIS-β-OCIMENE	0.111	0.5/1	N/A	γ-TERPINENE	ND	0.5/1	N/A
α-PINENE	0.310	0.5/1	N/A	CIS-NEROLIDOL	ND	0.5/1	N/A
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.044	0.5/1	N/A	CEDROL	ND	0.5/1	N/A
TRANS-β-OCIMENE	0.038	0.5/1	N/A	CAMPHOR	ND	0.5/1	N/A
LINALOOL	0.012	0.5/1	N/A	β-PINENE	ND	0.5/1	N/A
ISOBORNEOL	0.010	0.5/1	N/A	α-TERPINENE	ND	0.5/1	N/A
CAMPHENE	0.008	0.5/1	N/A	α-PHELLANDRENE	ND	0.5/1	N/A
TERPINOLENE	0.004	0.5/1	N/A	α-CEDRENE	ND	0.5/1	N/A
EUCALYPTOL	0.003	0.5/1	N/A	VALENCENE	ND	0.5/1	N/A

THIS REPORT MAY NOT BE REPRODUCED EXCEPT IN FULL WITHOUT APPROVAL FROM CAMBIUM ANALYTICA. THE RESULTS HEREIN RELATE ONLY TO THE SAMPLE & BATCH IDENTIFIED IN THIS REPORT



RESULTS CERTIFIED BY: XIN YAN
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FEB 23, 2021

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FEB 23, 2021

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Douglas Smith

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