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Certificate of Analysis

1 of 1

Dark Chocolate

Sample ID: SA-230809-25676

Batch: 06/19/23

Type: Finished Product - Ingestible

Matrix: Edible - Chocolate Unit Mass (g): 4.371916667

Received: 08/16/2023 Completed: 08/25/2023 Client

Amaranth Hemp 1628 E Main St Duncan, SC 29334

USA



Summary

Test Cannabinoids **Date Tested** 08/25/2023

Status Tested

0.165 % Total ∆9-THC

2.60 % Δ8-ΤΗС

3.00 % **Total Cannabinoids**

Not Tested Moisture Content

Foreign Matter

Not Tested

Yes

Internal Standard Normalization

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	ND ND	ND ND
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	ND	ND
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	ND	ND
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	ND	ND
CBGA	0.00049	0,00147	ND	ND
CBL	0.00112	0.00335	ND	ND
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	ND	ND
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ8-THC	0.00104	0.00312	2.60	114
Δ8-THCV	0.00067	0.002	0.0277	1.21
Δ9-THC	0.00076	0.00227	0.165	7.21
Δ9-ΤΗCΑ	0.00084	0.00251	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
Δ8-iso-THC	0.00067	0.002	0.0910	3.98
Δ4,8-iso-THC	0.00067	0.002	O.111	4.86
Total Δ9-THC			0.165	7.21
Total			3.00	131

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ 9-THC = Δ 9-THCA * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone CCO

Date: 08/25/2023

Tested By: Scott Caudill Laboratory Manager Date: 08/25/2023









This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories KCA Laboratories and provide measurement uncertainty upon request.