

## 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

<b>Test</b> Cannabinoids	<b>Date Tested</b> 08/25/2023	<b>Status</b> Tested
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<b>0.165 %</b> Total Δ9-THC	<b>2.60 %</b> Δ8-THC	<b>3.00 %</b> Total Cannabinoids	<b>Not Tested</b> Moisture Content	<b>Not Tested</b> Foreign Matter	<b>Yes</b> Internal Standard Normalization
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### 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
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-THCA	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	0.111	4.86
<b>Total Δ9-THC</b>			<b>0.165</b>	<b>7.21</b>
<b>Total</b>			<b>3.00</b>	<b>131</b>

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-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

 ISO/IEC 17025:2017 Accredited  
 Accreditation #108651
