

CERTIFICATE OF ANALYSIS



SAMPLE NAME: ROOTBEER SODA
SAMPLE CODE: HEM-250430-005
CLIENT: NEW DENMARK BREWING CO.
BATCH RESULT: N/A

1230 Woodmere Ave.
Traverse City, MI 49686
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MATRIX NAME: Beverage
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Fri, May 02, 2025
PUBLISHED DATE: Wed, May 07, 2025
BATCH/LOT CODE: N/A
BATCH SIZE: N/A
SAMPLE SIZE: 585.95 g
AVERAGE UNIT WEIGHT: 385.19 g

TOTAL CANNABINOIDS	18.1 mg/ serv
TOTAL THC	9.8 mg/ serv
TOTAL CBD	8.3 mg/ serv

POT ✓

Cannabinoids

Potency

APPROVALS

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Wed, May 07, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Wed, May 07, 2025

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ANALYTE	VALUE	VALUE (MG)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Delta-9 THC	0.0025 %	0.0254 mg/g	9.8 mg	9.8 mg	N/A	0.5 ug/g	1 ug/g	N/A
CBD	0.0022 %	0.0216 mg/g	8.3 mg	8.3 mg	N/A	0.5 ug/g	1 ug/g	N/A
(6aR,9R)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
(6aR,9S)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBC	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBDA	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBDV	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBG	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBGA	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBN	<LOQ	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Delta-8 THC	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Delta-8 THCV	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Delta-9 THCV	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
THCA	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Total Cannabinoids*	0.0047 %	0.047 mg/g	18.1 mg	18.1 mg	N/A	N/A	N/A	N/A
Delta-9 THC + Delta-8 THC	0.0025 %	0.0254 mg/g	9.8 mg	9.8 mg	N/A	N/A	N/A	N/A
Total THC*	0.0025 %	0.0254 mg/g	9.8 mg	9.8 mg	N/A	N/A	N/A	N/A
Total CBD*	0.0022 %	0.0216 mg/g	8.3 mg	8.3 mg	N/A	N/A	N/A	N/A
Total THCV*	0 %	0 mg/g	0 mg	0 mg	N/A	N/A	N/A	N/A

* Total Cannabinoids is calculated as the sum of all quantified cannabinoids.
* Total THC is calculated as the sum of Delta-9 THC, Delta-8 THC, and 0.877*(THCA).
* Total CBD is calculated as the sum of CBD and 0.877*(CBDA).
* Total THCV is calculated as the sum of Delta-8 THCV and Delta-9 THCV.