

Certificate of Analysis

ANALYZED BY:

Anresco Laboratories 1375 Van Dyke Avenue, San Francisco, CA 94124 C8-0000052-LIC



CUSTOMER:

Surly Brewing Company 4811 Dusharme Dr Brooklyn Center, MN 55429

Sample No.: 1267662 Product Name: Wana Ras	spberryTea	Date Collected: 12/31/2024 Date Received: 12/31/2024	
Matrix: Edible (B Lot #: WANA00	everage) 9 Best By: 12/30/25	Date Reported: 01/02/2025	
TECT CUM AN ANDY			
	Pass	Microbiological Screen:	🔮 Pas:
Cannabinoid Profile:		Microbiological Screen: Residual Solvent Screen:	
TEST SUMMARY Cannabinoid Profile: Pesticide Residue Scree Heavy Metal Screen:		0	C Pass Pass Pass

Cannabinoid Profile Seass

12/31/2024

Method:	MF-CHEM-15
Instrument:	Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection	0.0008 mg/g
Limit of Quantitation	0.0025 mg/g

Cannabinoid	mg/g	%	mg/ml	mg/serving	mg/package	Labeled mg/serving	% Difference	Status
Δ8-THC	ND	ND	ND	ND	ND	-	-	-
Δ9-THC	0.0147	0.00147	0.0149	2.63	5.27	2.5	5.37	Pass
Δ9-THCA	ND	ND	ND	ND	ND	-	-	-
THCV	ND	ND	ND	ND	ND	-	-	-
THCVA	ND	ND	ND	ND	ND	-	-	-
CBD	0.0151	0.00151	0.0153	2.71	5.41	2.5	8.23	-
CBDA	ND	ND	ND	ND	ND	-	-	-
CBC	ND	ND	ND	ND	ND	-	-	-
CBCA	ND	ND	ND	ND	ND	-	-	-
CBDV	ND	ND	ND	ND	ND	-	-	-
CBG	0.0150	0.0015	0.0152	2.69	5.38	2.5	7.52	-
CBGA	ND	ND	ND	ND	ND	-	-	-
CBN	ND	ND	ND	ND	ND	-	-	-
Total THC	0.0147	0.00147	0.0149	2.63	5.27	-	-	-
Total CBD	0.0151	0.00151	0.0153	2.71	5.41	-	-	-
Total Cannabinoids	0.0448	0.00448	0.0454	8.03	16.06	-	-	-
Sum of Cannabinoids	0.0448	0.00448	0.0454	8.03	16.06	-	-	-
Serving Weight (g)	179.1948							
Package Weight (g)	358.3896							
g/ml Conversion Factor	1.0124							

Total THC = Δ 8-THC + Δ 9-THC + (0.877 * THCA) Total CBD = CBD + (0.877 * CBDA) Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

Microbiological Screen 📀 Pass

Analyte	Method	Findings	Units	Status
Salmonella	MF-MICRO-11	Not Detected/25g	/1g	Pass
STEC	MF-MICRO-18	Not Detected/25g	/1g	Pass

Pesticide Residue Screen 🔮 Pass

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Abamectin	0.04/0.10	ND	0.3	Pass
Acephate	0.02/0.06	ND	5.0	Pass
Acequinocyl	0.04/0.10	ND	4.0	Pass
Acetamiprid	0.017/0.05	ND	5.0	Pass

Anresco Laboratories www.anresco.com 1375 Van Dyke Ave, San Francisco, CA 94124 Sample #: 1267662 Lot #: WANA009 Best By: 12/30/25 Page **1** of **4** Report ID: S-3

01/02/2025

12/31/2024

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Certificate of Analysis

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Residual Solvent Screen SPass

Method: MF-CHEM-32

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.5/0.5	ND	1	Pass
Acetone	57/200	<loq< td=""><td>5000</td><td>Pass</td></loq<>	5000	Pass
Acetonitrile	56/200	ND	410	Pass
Benzene	0.5/0.5	ND	1	Pass
n-Butane	45/200	ND	5000	Pass
Chloroform	0.5/0.5	ND	1	Pass
Ethanol	37/200	560.00	5000	Pass
Ethylacetate	38/200	ND	5000	Pass
Ethylether	37/200	ND	5000	Pass
Ethylene oxide	0.1/0.5	ND	1	Pass
n-Heptane	135/200	ND	5000	Pass
n-Hexane	49/200	ND	290	Pass
Isopropyl alcohol	57/200	ND	5000	Pass
Methanol	37/200	ND	3000	Pass
Methylene chloride	0.1/0.5	ND	1	Pass
n-Pentane	37/200	ND	5000	Pass
Propane	72/200	ND	5000	Pass
Toluene	49/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	58/200	ND	2170	Pass
Trichloroethylene	0.5/0.5	ND	1	Pass

Heavy Metal Screen **O** Pass

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	ND	1.5	Pass
Cadmium	0.02/0.05	ND	0.5	Pass
Mercury	0.02/0.05	ND	3	Pass
Lead	0.02/0.125	ND	0.5	Pass

Foreign Material 🔮 Pass

Method: MF-CHEM-7

Analyte	Findings	Limit	Status
Sand, Soils, Cinders, and Dirt	ND	25%	Pass
Mold	ND	25%	Pass
Imbedded Foreign Material	ND	25%	Pass
Insect Fragment	ND	1 per 3g	Pass
Hair	ND	1 per 3g	Pass
Mammalian Excreta	ND	1 per 3g	Pass

Mycotoxin Screen 🔮 Pass

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (µg/kg)	Findings (µg/kg)	Limit (µg/kg)	Status
Aflatoxin B1	2/5	ND	-	-
Aflatoxin B2	2/5	ND	-	-
Aflatoxin G1	2/5	ND	-	-
Aflatoxin G2	2/5	ND	-	-
Total Aflatoxins	8/20	ND	20	Pass
Ochratoxin A	6/18	ND	20	Pass

Anresco Laboratories www.anresco.com 1375 Van Dyke Ave, San Francisco, CA 94124 Sample #: 1267662 Lot #: WANA009 Best By: 12/30/25 Page **3** of **4** Report ID: S-3

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12/31/2024

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Certificate of Analysis

ND = None Detected LOD = Limit of Detection LOQ = Limit of Quantitation

Scan to verify

Reported by



Vu Lam Lab Co Director

Anresco Laboratories www.anresco.com 1375 Van Dyke Ave, San Francisco, CA 94124 Sample #: 1267662 Lot #: WANA009 Best By: 12/30/25 Page **4** of **4** Report ID: S-3

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