Smithers AMS LLC
790 Main St
Wareham, MA 02571
License #: IL281355
Phone: 508-295-2550

Certificate of Analysis



Customer: Bostica, LLC

Address:
71 Linden street
Lynn MA 01905

Phone: 978-569-4063

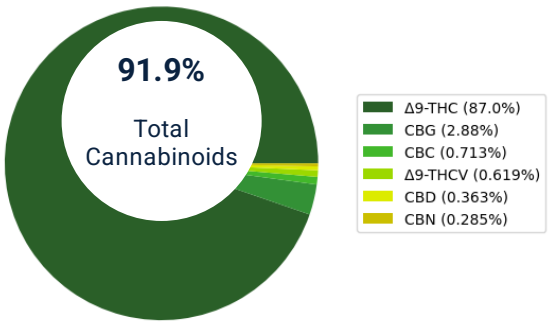
License #: MC282139

Sample ID: 53068
Sample Name: M00003785104: Charge Bar - Slurricane - Disposable Vape - 1g
Sample Type: Vape
Received Date: 09/02/2026
Report Date: 09/05/2026
METRC ID: 1A40A03000106E5000028487
METRC Source ID: 1A40A03000106E5000028486
Client Batch ID: (multi-harvest)
Sanitization Method: None
Client Sample Size: 4 each

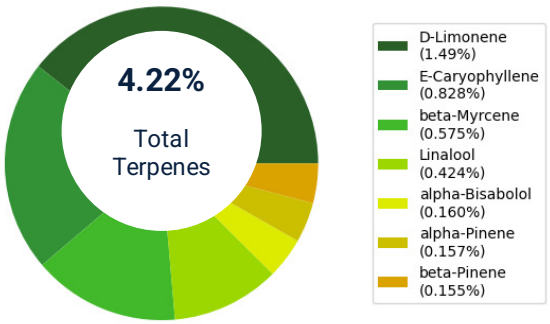
Results Summary

Cannabinoids	TESTED	09/03/2026
Vitamin E Acetate	☑ PASS	09/04/2026
Terpenes Extended	TESTED	09/03/2026
Heavy Metals	☑ PASS	09/04/2026
Microbial Impurities	☑ PASS	09/05/2026
Residual Solvents	☑ PASS	09/03/2026
Mycotoxins	☑ PASS	09/03/2026

Cannabinoid Distribution (%)



Terpene Distribution (%)



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Cannabinoids

Date Started: 09/02/2026
Instrument: UPLC-PDA

Date Completed: 09/03/2026
Method: TP-09.001.06 & TP-09.012.07

Analyst: Lana Rivera (B144852)
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
Δ9-THC	87.0	870	0.267	1.44
CBG	2.88	28.8	0.00627	0.0722
CBC	0.713	7.13	0.00684	0.0578
Δ9-THCV	0.619	6.19	0.00779	0.0578
CBD	0.363	3.63	0.0112	0.144
CBN	0.285	2.85	0.00989	0.0722
CBDVA	ND	ND	0.00972	0.0578
CBDV	ND	ND	0.0276	0.0578
CBDA	ND	ND	0.00910	0.144
CBGA	ND	ND	0.00566	0.0722
Δ8-THCV	ND	ND	0.0141	0.0578
THCVA	ND	ND	0.00614	0.0578
CBNA	ND	ND	0.00763	0.0578
Exo-THC	ND	ND	0.0116	0.0578
Δ8-THC	ND	ND	0.0253	0.0722
CBL	ND	ND	0.0171	0.0578
THCA	ND	ND	0.0231	0.144
CBCA	ND	ND	0.0186	0.0578
Total THC	**87.0**	**870**		
Total CBD	**0.363**	**3.63**		
Total Cannabinoids	**91.9**	**919**		

Total THC = Δ9-THC + (THCA x 0.877)
Total CBD = CBD + (CBDA x 0.877)
Total Cannabinoids = Sum of all cannabinoids without THC/CBD corrections.
LOD = Limit of Detection; **LOQ** = Limit of Quantitation; **ND** = Not Detected.

Vitamin E Acetate

PASS

Date Started: 09/02/2026
Instrument: HPLC-PDA

Date Completed: 09/04/2026
Method: TP-09.006.04

Analyst: Meagan Mattos (B154555)
Deviation: N/A

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Status
Tocopheryl Acetate	ND	43.9	145	Pass

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Certificate of Analysis

Terpenes Extended

Date Started: 09/02/2026
Instrument: GC-MS

Date Completed: 09/03/2026
Method: TP-09.004.06

Analyst: Lana Rivera (B144852)
Deviation: N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
D-Limonene	1.49	14.9	0.00306	0.0145
E-Caryophyllene	0.828	8.28	0.00636	0.0145
beta-Myrcene	0.575	5.75	0.00243	0.0145
Linalool	0.424	4.24	0.00441	0.0145
alpha-Bisabolol	0.160	1.60	0.00537	0.0145
alpha-Pinene	0.157	1.57	0.00122	0.0145
beta-Pinene	0.155	1.55	0.00300	0.0145
alpha-Humulene	0.115	1.15	0.00313	0.0145
Endo-Fenchyl Alcohol	0.0960	0.960	0.00482	0.0145
gamma-Terpineol	0.0636	0.636	0.00260	0.0145
Camphene	0.0404	0.404	0.00160	0.0145
Z-beta-Ocimene	0.0403	0.403	0.00586	0.0145
Terpinolene	0.0184	0.184	0.00181	0.0145
Isoborneol	0.0150	0.150	0.00311	0.0145
[+/-]-Fenchone	<LOQ	<LOQ	0.00321	0.0290
gamma-Terpinene	<LOQ	<LOQ	0.00328	0.0145
[+/-]-Borneol	<LOQ	<LOQ	0.00560	0.0290
Guaiol	ND	ND	0.00315	0.0145
E-beta-Ocimene	ND	ND	0.00599	0.0145
Isopulegol	ND	ND	0.00702	0.0145
Nerol	ND	ND	0.00457	0.0145
Geraniol	ND	ND	0.00451	0.0145
Pulegone	ND	ND	0.00549	0.0145
Valencene	ND	ND	0.00382	0.0145
Z-Nerolidol	ND	ND	0.00393	0.0145
E-Nerolidol	ND	ND	0.00330	0.0145
Carophyllene Oxide	ND	ND	0.00328	0.0145
Eucalyptol	ND	ND	0.00439	0.0145
Sabinene	ND	ND	0.00494	0.0145
alpha-Phellandrene	ND	ND	0.00226	0.0145
Sabinene Hydrate	ND	ND	0.00484	0.0145
Menthol	ND	ND	0.00483	0.0145
alpha-Terpineol	ND	ND	0.00547	0.0145
alpha-Cedrene	ND	ND	0.00439	0.0145
Geranyl Acetate	ND	ND	0.00680	0.0145
Cedrol	ND	ND	0.00590	0.0145
[+,N,-]-Camphor	ND	ND	0.0107	0.0435
delta-3-Carene	ND	ND	0.00473	0.0145
alpha-Terpinene	ND	ND	0.00444	0.0145
Total Terpenes	**4.22**	**42.2**		

Heavy Metals

PASS

Date Started: 09/02/2026
Instrument: ICP-MS

Date Completed: 09/04/2026
Method: TP-09.007.04

Analyst: Meagan Mattos (B154555)
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	<LOQ	12.7	85.9	200	Pass
Cadmium	ND	76.3	85.9	200	Pass
Lead	ND	7.01	85.9	500	Pass
Mercury	ND	6.12	43.0	100	Pass

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Microbial Impurities

PASS

Date Started: 09/02/2026
Instrument: TEMPO & Gene-Up

Date Completed: 09/05/2026
Method: TP-09.010.02 & TP-09.011.03

Analyst: Sydney Murphy (B168056)
Deviation: N/A

Microbials	Result (CFU/g)	Limit (CFU/g)	Status
Coliforms	ND	100	Pass
Bile-Tolerant Gram-Negative Bacteria	ND	100	Pass
Yeast & Mold	ND	1000	Pass
Aerobic Bacteria	ND	10000	Pass
E.coli	ND		Pass
Salmonella	ND		Pass

Residual Solvents

PASS

Date Started: 09/02/2026
Instrument: HS-GC-MS

Date Completed: 09/03/2026
Method: TP-09.005.05

Analyst: Lana Rivera (B144852)
Deviation: N/A

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
n-Propane	ND	0.382	1.50	12.0	Pass
n-Butane	ND	0.165	1.50	12.0	Pass
Methanol	ND	35.7	90.4	3000	Pass
Ethylene Oxide	ND	0.602	1.20		Pass
n-Pentane	ND	24.3	90.4	5000	Pass
Ethanol	ND	16.8	90.4	5000	Pass
Ethyl Ether	ND	22.8	90.4	5000	Pass
Acetone	ND	16.4	90.4	5000	Pass
Isopropyl Alcohol	ND	20.4	90.4	5000	Pass
Acetonitrile	ND	12.7	90.4	410	Pass
Methylene Chloride	ND	0.602	1.20	600	Pass
n-Hexane	ND	24.6	90.4	290	Pass
Ethyl Acetate	ND	14.2	90.4	5000	Pass
Chloroform	ND	0.602	1.20	60.0	Pass
1,2-Dichloroethane	ND	0.602	1.20	1870	Pass
Benzene	ND	0.602	1.20		Pass
n-Heptane	ND	26.3	90.4	5000	Pass
Trichloroethylene	ND	0.602	1.20	80.0	Pass
Toluene	ND	10.4	90.4	890	Pass
Total Xylenes	**ND**	**17.8**	**45.2**	**2170**	**Pass**

Mycotoxins

PASS

Date Started: 09/02/2026
Instrument: LC-MS/MS

Date Completed: 09/03/2026
Method: TP-09.009.06

Analyst: Lana Rivera (B144852)
Deviation: N/A

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	0.839	2.77		
Aflatoxin B2	ND	0.839	2.77		
Aflatoxin G1	ND	0.839	2.77		
Aflatoxin G2	ND	0.839	2.77		
Ochratoxin A	ND	0.839	2.77		
Total Mycotoxins	**ND**	**0.839**	**2.77**	**20.0**	**Pass**

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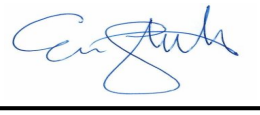

Eric Steele, Lab Director
09/05/2026

END OF REPORT

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