



SMITHERS

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



Customer: CNA Stores

Address:

57 South Hunt Road
Amesbury MA 01913

Phone: 978-317-5766

License #: MC282190, MP281691

Certificate of Analysis

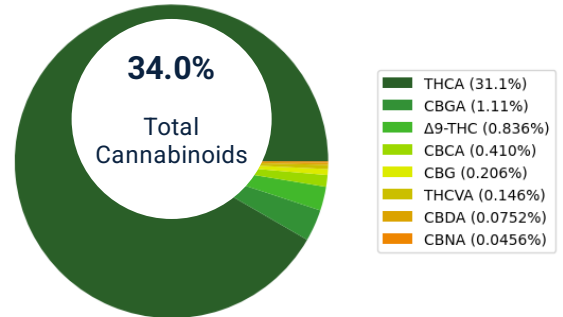


Sample ID: 36429
Sample Name: M00003788657: Red Pave - Bulk
Sample Strain: Red Pave
Sample Type: Flower
Received Date: 10/21/2025
Report Date: 10/25/2025
METRC ID: 1A40A030000E2F5000014387
METRC Source ID: 1A40A030000E2F5000014373
Client Batch ID: 25101609 - Red Pave - Bulk
Sanitization Method: None
Client Sample Size: 10.49 grams

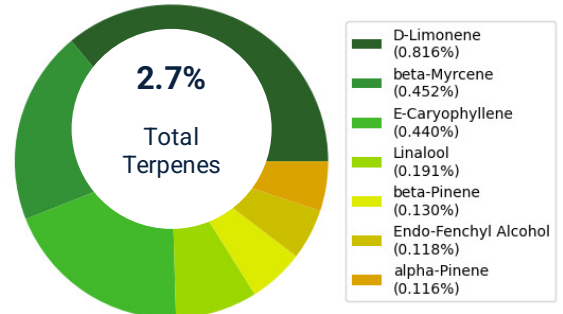
Results Summary

Cannabinoids 10/23/2025	TESTED
Terpenes Extended 10/23/2025	TESTED
Heavy Metals 10/23/2025	✓ PASS
Microbial Impurities 10/25/2025	✓ PASS
Pesticides and Mycotoxins 10/23/2025	✓ PASS

Cannabinoid Distribution (%)



Terpene Distribution (%)



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Certificate of Analysis

Cannabinoids

Date Started: 10/22/2025

Instrument: UPLC-PDA

Date Completed: 10/23/2025

Method: TP-09.001.06 & TP-09.012.06

Analyst: Lana Rivera (B144852)

Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
THCA	31.1	311	0.0756	0.472
CBGA	1.11	11.1	0.00185	0.0236
Δ9-THC	0.836	8.36	0.00873	0.0472
CBCA	0.410	4.10	0.00608	0.0189
CBG	0.206	2.06	0.00205	0.0236
THCVA	0.146	1.46	0.00201	0.0189
CBDA	0.0752	0.752	0.00298	0.0472
CBNA	0.0456	0.456	0.00249	0.0189
CBDVA	ND	ND	0.00318	0.0189
CBDV	ND	ND	0.00903	0.0189
CBD	ND	ND	0.00366	0.0472
Δ9-THCV	ND	ND	0.00255	0.0189
Δ8-THCV	ND	ND	0.00461	0.0189
CBN	ND	ND	0.00324	0.0236
Exo-THC	ND	ND	0.00378	0.0189
Δ8-THC	ND	ND	0.00828	0.0236
CBL	ND	ND	0.00559	0.0189
CBC	ND	ND	0.00224	0.0189
Total THC	28.1	281		
Total CBD	0.0659	0.659		
Total Cannabinoids	34.0	340		

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.

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Certificate of Analysis

Terpenes Extended

Date Started: 10/22/2025
Instrument: GC-MS

Date Completed: 10/23/2025
Method: TP-09.004.05

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

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
D-Limonene	0.816	8.16	0.000998	0.00472
beta-Myrcene	0.452	4.52	0.000794	0.00472
E-Caryophyllene	0.440	4.40	0.00207	0.00472
Linalool	0.191	1.91	0.00144	0.00472
beta-Pinene	0.130	1.30	0.000979	0.00472
Endo-Fenchyl Alcohol	0.118	1.18	0.00157	0.00472
alpha-Pinene	0.116	1.16	0.000397	0.00472
alpha-Terpineol	0.115	1.15	0.00178	0.00472
alpha-Humulene	0.109	1.09	0.00102	0.00472
Z-beta-Ocimene	0.0538	0.538	0.00191	0.00472
Terpinolene	0.0413	0.413	0.000590	0.00472
Camphene	0.0409	0.409	0.000522	0.00472
alpha-Bisabolol	0.0244	0.244	0.00175	0.00472
[+/-]-Borneol	0.0210	0.210	0.00183	0.00945
Carophyllene Oxide	0.0140	0.140	0.00107	0.00472
Geraniol	0.0114	0.114	0.00147	0.00472
[+/-]-Fenchone	<LOQ	<LOQ	0.00105	0.00945
E-beta-Ocimene	ND	ND	0.00195	0.00472
gamma-Terpineol	ND	ND	0.000847	0.00472
Isopulegol	ND	ND	0.00229	0.00472
Nerol	ND	ND	0.00149	0.00472
Pulegone	ND	ND	0.00179	0.00472
Valencene	ND	ND	0.00125	0.00472
Z-Nerolidol	ND	ND	0.00128	0.00472
E-Nerolidol	ND	ND	0.00108	0.00472
Guaiol	ND	ND	0.00103	0.00472
Eucalyptol	ND	ND	0.00143	0.00472
Sabinene	ND	ND	0.00161	0.00472
alpha-Phellandrene	ND	ND	0.000737	0.00472
Sabinene Hydrate	ND	ND	0.00158	0.00472
Isoborneol	ND	ND	0.00101	0.00472
Menthol	ND	ND	0.00158	0.00472
alpha-Cedrene	ND	ND	0.00143	0.00472
Geranyl Acetate	ND	ND	0.00222	0.00472
Cedrol	ND	ND	0.00192	0.00472
[+,N,-]-Camphor	ND	ND	0.00349	0.0142
delta-3-Carene	ND	ND	0.00154	0.00472
alpha-Terpinene	ND	ND	0.00145	0.00472
gamma-Terpinene	ND	ND	0.00107	0.00472
Total Terpenes	2.70	27.0		

Heavy Metals

PASS

Date Started: 10/22/2025
Instrument: ICP-MS

Date Completed: 10/23/2025
Method: TP-09.007.04

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

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	11.5	77.5	200	Pass
Cadmium	ND	6.88	77.5	200	Pass
Lead	ND	6.33	77.5	500	Pass
Mercury	ND	5.52	38.8	100	Pass

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Microbial Impurities

✓ PASS

Date Started: 10/21/2025
Instrument: TEMPO & Gene-Up

Date Completed: 10/25/2025
Method: TP-09.010.02 & TP-09.011.03

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

Microbials	Result (CFU/g)	Limit (CFU/g)	Status
Coliforms	ND	1000	Pass
Bile-Tolerant Gram-Negative Bacteria	ND	1000	Pass
Yeast & Mold	ND	10000	Pass
Aerobic Bacteria	ND	100000	Pass
E.coli	ND		Pass
Salmonella	ND		Pass

Pesticides and Mycotoxins

✓ PASS

Date Started: 10/22/2025
Instrument: LC-MS/MS & GC-MS/MS

Date Completed: 10/23/2025
Method: TP-09.008.03 & TP-09.009.05

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

Analyte	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	ND	0.931	3.07	10.0	Pass
Bifenthrin	ND	0.931	3.07	10.0	Pass
Cyfluthrin	ND	0.407	2.56	10.0	Pass
Etoazole	ND	0.931	3.07	10.0	Pass
Imazalil	ND	0.931	3.07	10.0	Pass
Imidacloprid	ND	0.931	3.07	10.0	Pass
Myclobutanil	ND	0.931	3.07	10.0	Pass
Spiromesifen	ND	1.24	4.09	10.0	Pass
Trifloxystrobin	ND	0.931	3.07	10.0	Pass
Aflatoxin B1	ND	0.931	3.07		
Aflatoxin B2	ND	0.931	3.07		
Aflatoxin G1	ND	0.931	3.07		
Aflatoxin G2	ND	0.931	3.07		
Ochratoxin A	ND	0.931	3.07		
Total Mycotoxins	ND	0.931	3.07	20.0	Pass

Yuemin Wang Kovaleff, Lab
Manager
10/25/2025

END OF REPORT

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