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

Certificate of Analysis



Customer: CNA Stores

Address:
57 South Hunt Road
Amesbury MA 01913

Phone: 978-317-5766

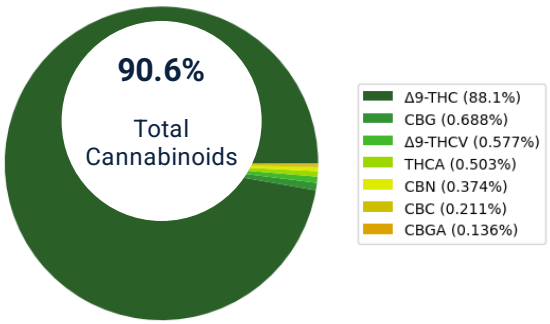
License #: MC282190, MP281691

Sample ID: 52369
Sample Name: M00004328524: Acapulco Gold - Liquid Diamonds - Vapes
Sample Strain: Acapulco Gold
Sample Type: Vape
Received Date: 08/24/2026
Report Date: 08/28/2026
METRC ID: 1A40A030000E359000029652
METRC Source ID: 1A40A030000E359000029651
Client Batch ID: 2608193 - Acapulco Gold - Liquid Diamonds - Vapes
Sanitization Method: None
Client Sample Size: 5 each

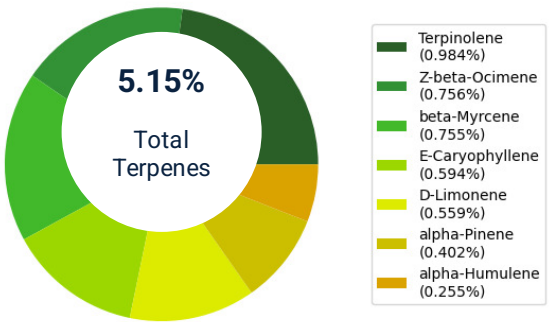
Results Summary

Cannabinoids		TESTED
08/27/2026		
Vitamin E Acetate	☑	PASS
08/28/2026		
Terpenes Extended		TESTED
08/28/2026		
Heavy Metals	☑	PASS
08/26/2026		
Microbial Impurities	☑	PASS
08/28/2026		
Residual Solvents	☑	PASS
08/27/2026		
Mycotoxins	☑	PASS
08/27/2026		

Cannabinoid Distribution (%)



Terpene Distribution (%)



Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.

SMITHERS

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

Certificate of Analysis

Cannabinoids

Date Started: 08/26/2026
Instrument: UPLC-PDA
Date Completed: 08/27/2026
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	88.1	881	0.278	1.51
CBG	0.688	6.88	0.00655	0.0753
Δ9-THCV	0.577	5.77	0.00812	0.0603
THCA	0.503	5.03	0.0241	0.151
CBN	0.374	3.74	0.0103	0.0753
CBC	0.211	2.11	0.00714	0.0603
CBGA	0.136	1.36	0.00591	0.0753
CBDVA	ND	ND	0.0101	0.0603
CBDV	ND	ND	0.0288	0.0603
CBDA	ND	ND	0.00950	0.151
CBD	ND	ND	0.0117	0.151
Δ8-THCV	ND	ND	0.0147	0.0603
THCVA	ND	ND	0.00640	0.0603
CBNA	ND	ND	0.00796	0.0603
Exo-THC	ND	ND	0.0121	0.0603
Δ8-THC	ND	ND	0.0264	0.0753
CBL	ND	ND	0.0178	0.0603
CBCA	ND	ND	0.0194	0.0603
Total THC	**88.5**	**885**		
Total CBD	**ND**	**ND**		
Total Cannabinoids	**90.6**	**906**		

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: 08/26/2026
Instrument: HPLC-PDA
Date Completed: 08/28/2026
Method: TP-09.006.04
Analyst: Meagan Mattos (B154555)
Deviation: N/A

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Status
Tocopheryl Acetate	ND	43.2	143	Pass

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.

SMITHERS

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

Certificate of Analysis

Terpenes Extended

Date Started: 08/26/2026
Instrument: GC-MS

Date Completed: 08/28/2026
Method: TP-09.004.06

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

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
Terpinolene	0.984	9.84	0.00178	0.0143
Z-beta-Ocimene	0.756	7.56	0.00577	0.0143
beta-Myrcene	0.755	7.55	0.00239	0.0143
E-Caryophyllene	0.594	5.94	0.00626	0.0143
D-Limonene	0.559	5.59	0.00301	0.0143
alpha-Pinene	0.402	4.02	0.00120	0.0143
alpha-Humulene	0.255	2.55	0.00308	0.0143
Linalool	0.192	1.92	0.00434	0.0143
beta-Pinene	0.119	1.19	0.00295	0.0143
E-beta-Ocimene	0.0944	0.944	0.00590	0.0143
alpha-Terpineol	0.0940	0.940	0.00538	0.0143
Endo-Fenchyl Alcohol	0.0893	0.893	0.00474	0.0143
alpha-Bisabolol	0.0463	0.463	0.00528	0.0143
alpha-Phellandrene	0.0432	0.432	0.00222	0.0143
alpha-Terpinene	0.0275	0.275	0.00437	0.0143
delta-3-Carene	0.0261	0.261	0.00465	0.0143
Guaiol	0.0211	0.211	0.00310	0.0143
[+/-]-Borneol	<LOQ	<LOQ	0.00551	0.0285
Isoborneol	0.0189	0.189	0.00306	0.0143
Eucalyptol	0.0183	0.183	0.00432	0.0143
Camphene	0.0150	0.150	0.00157	0.0143
Carophyllene Oxide	<LOQ	<LOQ	0.00323	0.0143
[+/-]-Fenchone	<LOQ	<LOQ	0.00316	0.0285
gamma-Terpineol	ND	ND	0.00255	0.0143
Isopulegol	ND	ND	0.00691	0.0143
Nerol	ND	ND	0.00449	0.0143
Geraniol	ND	ND	0.00444	0.0143
Pulegone	ND	ND	0.00540	0.0143
Valencene	ND	ND	0.00376	0.0143
Z-Nerolidol	ND	ND	0.00387	0.0143
E-Nerolidol	ND	ND	0.00325	0.0143
Sabinene	ND	ND	0.00486	0.0143
Sabinene Hydrate	ND	ND	0.00477	0.0143
Menthol	ND	ND	0.00475	0.0143
alpha-Cedrene	ND	ND	0.00432	0.0143
Geranyl Acetate	ND	ND	0.00669	0.0143
Cedrol	ND	ND	0.00580	0.0143
[+,N,-]-Camphor	ND	ND	0.0105	0.0428
gamma-Terpinene	ND	ND	0.00323	0.0143
Total Terpenes	**5.15**	**51.5**		

Heavy Metals

PASS

Date Started: 08/25/2026
Instrument: ICP-MS

Date Completed: 08/26/2026
Method: TP-09.007.04

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

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	12.6	85.3	200	Pass
Cadmium	ND	75.7	85.3	200	Pass
Lead	ND	6.96	85.3	500	Pass
Mercury	ND	6.07	42.6	100	Pass

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.

SMITHERS

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

Certificate of Analysis

Microbial Impurities

PASS

Date Started: 08/24/2026
Instrument: TEMPO & Gene-Up

Date Completed: 08/28/2026
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: 08/26/2026
Instrument: HS-GC-MS

Date Completed: 08/27/2026
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	0.405	1.59	12.0	Pass
n-Butane	ND	0.174	1.59	12.0	Pass
Methanol	ND	37.9	95.7	3000	Pass
Ethylene Oxide	ND	0.638	1.28		Pass
n-Pentane	ND	25.7	95.7	5000	Pass
Ethanol	ND	17.8	95.7	5000	Pass
Ethyl Ether	ND	24.2	95.7	5000	Pass
Acetone	ND	17.3	95.7	5000	Pass
Isopropyl Alcohol	ND	21.6	95.7	5000	Pass
Acetonitrile	ND	13.5	95.7	410	Pass
Methylene Chloride	ND	0.638	1.28	600	Pass
n-Hexane	ND	26.0	95.7	290	Pass
Ethyl Acetate	ND	15.0	95.7	5000	Pass
Chloroform	ND	0.638	1.28	60.0	Pass
1,2-Dichloroethane	ND	0.638	1.28	1870	Pass
Benzene	ND	0.638	1.28		Pass
n-Heptane	ND	27.9	95.7	5000	Pass
Trichloroethylene	ND	0.638	1.28	80.0	Pass
Toluene	ND	11.0	95.7	890	Pass
Total Xylenes	**ND**	**18.9**	**47.9**	**2170**	**Pass**

Mycotoxins

PASS

Date Started: 08/25/2026
Instrument: LC-MS/MS

Date Completed: 08/27/2026
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	0.779	2.57		
Aflatoxin B2	ND	0.779	2.57		
Aflatoxin G1	ND	0.779	2.57		
Aflatoxin G2	ND	0.779	2.57		
Ochratoxin A	ND	0.779	2.57		
Total Mycotoxins	**ND**	**0.779**	**2.57**	**20.0**	**Pass**

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.

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

Certificate of Analysis

Yuemin Wang Kovaleff, Lab Manager
08/28/2026

END OF REPORT

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.