ASSURED
TESTING LABORATORIES

Certificate of Analysis

Advanced Cultivators, LLC

100 Phoenix Ave # 5
Lowell, MA 01852
rborges@advancedcultivators.com
(978) 854-3942
Lic. #MC283314

Sample: 2606AST0252-3394

Strain: Petrol Pop
Harvest/Production Date: 2026-06-11; Batch Size: g;
Harvest Process Lot:
METRC Batch:
Report Created: 07/01/2026

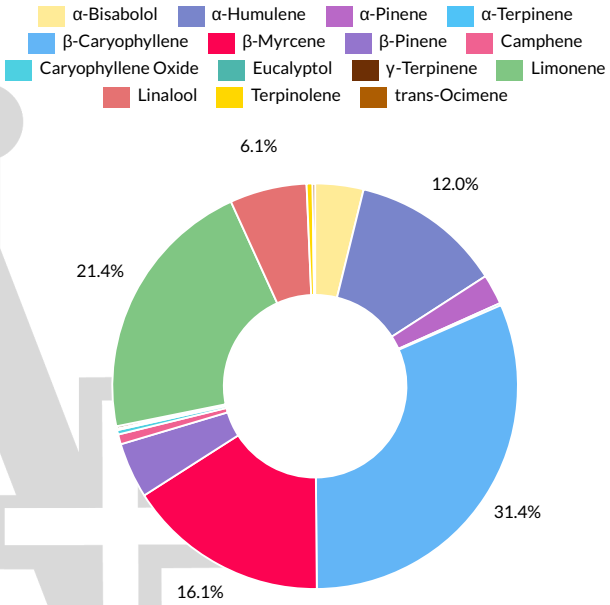
M00004273513: Petrol Pop

Plant, Flower - Cured
METRC Sample: 1A40A030000CEA5000007253

☐ Sanitization ☐ Remediation



Terpenes



Cannabinoids

16.30%	0.68%	17.91%	20.21%
Total THC	Total CBD	Total Active Cannabinoids	Total Cannabinoids

Summary

Complete	Pass	Pass	Pass	Pass
2.327%				
Terpenes	Heavy Metals	Mycotoxins	Pesticides	Microbials

Primary Aromas

Cinnamon	Orange	Hops	Lavender	Pine

300 Potash Hill Road
Tyngsborough, MA
(339) 233-4726
https://www.assuredtestinglab.com/home
Lic# IL281360

Edward Boumil
Dr. Edward Boumil
Senior Laboratory Technician

Suzanne Rohm
Suzanne Rohm
Laboratory Technician III

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

confident

Assured Testing Laboratories LLC (ATL) has performed analysis in compliance with ISO 17025-2017.
Analysis for terpenes are not a part of ISO 17025-2017 scope of accreditation.

Advanced Cultivators, LLC
100 Phoenix Ave # 5
Lowell, MA 01852
rborges@advancedcultivators.com
(978) 854-3942
Lic. #MC283314

Sample: 2606AST0252-3394
Strain: Petrol Pop
Harvest/Production Date: 2026-06-11; Batch Size: g;
Harvest Process Lot:
METRC Batch:
Report Created: 07/01/2026

M00004273513: Petrol Pop

Plant, Flower - Cured
METRC Sample: 1A40A030000CEA5000007253

☐ Sanitization ☐ Remediation

Cannabinoids — Complete

16.30%	0.68%	17.91%	20.21%
Total THC	Total CBD	Total Active Cannabinoids	Total Cannabinoids

Analyte	Method Detection Limit	Results	Results
	%	%	mg/g
THCa	0.0900	17.68	176.76
Δ9-THC	0.1100	0.80	7.96
Δ8-THC	0.1200	ND	ND
THCVa	0.1000	0.45	4.48
THCV	0.1200	ND	ND
CBDa	0.0800	0.16	1.57
CBD	0.1300	0.54	5.44
CBDVa	0.1000	ND	ND
CBDV	0.1200	ND	ND
CBNa	0.1000	ND	ND
CBN	0.1200	ND	ND
CBGa	0.1000	0.24	2.39
CBG	0.1300	ND	ND
CBCa	0.0900	0.17	1.71
CBC	0.1200	ND	ND
CBL	0.1300	0.18	1.80
Total Active Cannabinoids		**17.9120**	**179.1201**
Total Cannabinoids		**20.2110**	**202.1102**

Sample ID: 2606AST0252-3394, Date Received: 06/29/2026; Date Tested: 06/30/2026,
Analyst: 164740
Notes:
Total THC = d9 THC + (0.877*THCA), Total CBD = CBD + (0.877*CBDA)
SOP-002, HPLC-UV.

Pesticides — Pass

Analyte	Method Detection Limit	Results	Status
	PPB	PPB	
Bifenazate	2.000	ND	Pass
Bifenthrin	3.000	ND	Pass
Cyfluthrin	28.000	ND	Pass
Etoxazole	3.000	ND	Pass
Imazalil	3.000	ND	Pass
Imidacloprid	3.000	ND	Pass
Myclobutanil	3.000	ND	Pass
Spiromesifen	4.000	ND	Pass
Trifloxystrobin	3.000	ND	Pass

Sample ID: 2606AST0252-3394, Date Received: 06/29/2026;Date Tested: 06/30/2026,
Analyst: 155709
SOP-001, LC-MS

Microbials — Pass

Analyte	Method Detection Limit	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	1000	100000	ND	Pass
Yeast & Mold	100	10000	ND	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	ND	Pass
Coliforms	100	1000	ND	Pass
E. Coli			ND	Pass
Salmonella			ND	Pass

Sample ID: 2606AST0252-3394, Date Received: 06/29/2026; Date Tested: 06/30/2026,
Analyst: 155905
Quantitative Fungal Detect: SOP-007, PCR-Microplate
Quantitative Bacterial Detect: SOP-008, PCR-Microplate
Qualitative Bacterial Detect: SOP-009, PCR-Microplate

Heavy Metals — Pass

Analyte	Method Detection Limit	Limit	Results	Status
	PPB	PPB	PPB	
Arsenic	11.0000	200.0000	ND	Pass
Cadmium	16.0000	200.0000	ND	Pass
Lead	25.0000	500.0000	ND	Pass
Mercury	8.0000	100.0000	ND	Pass

Sample ID: 2606AST0252-3394, Date Received: 06/29/2026; Date Tested: 07/01/2026,
Analyst: 161903
SOP-003, ICP-MS

Mycotoxins — Pass

Analyte	Method Detection Limit	Limit	Results	Status
	PPB	PPB	PPB	
Aflatoxin B1	4.0	20.0	ND	Pass
Aflatoxin B2	4.0	20.0	ND	Pass
Aflatoxin G1	4.0	20.0	ND	Pass
Aflatoxin G2	5.0	20.0	ND	Pass
Ochratoxin A	5.0	20.0	ND	Pass
Total Aflatoxins		20.0	ND	Pass

Sample ID: 2606AST0252-3394, Date Received: 06/29/2026; Date Tested:
06/30/2026,Analyst: 155709
SOP-001, LC-MS

300 Potash Hill Road
Tyngsborough, MA
(339) 233-4726
https://www.assuredtestinglab.com/home
Lic# IL281360

Edward Boumil
Dr. Edward Boumil
Senior Laboratory Technician

Suzanne Rohm
Suzanne Rohm
Laboratory Technician III

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

Notes:

Assured Testing Laboratories LLC (ATL) has performed analysis in compliance with ISO 17025-2017.
Analysis for terpenes are not a part of ISO 17025-2017 scope of accreditation.

Advanced Cultivators, LLC

100 Phoenix Ave # 5
Lowell, MA 01852
rborges@advancedcultivators.com
(978) 854-3942
Lic. #MC283314

Sample: 2606AST0252-3394

Strain: Petrol Pop
Harvest/Production Date: 2026-06-11; Batch Size: g;
Harvest Process Lot:
METRC Batch:
Report Created: 07/01/2026

M00004273513: Petrol Pop

Plant, Flower - Cured
METRC Sample: 1A40A030000CEA5000007253

☐ Sanitization ☐ Remediation

Terpenes

Sample ID: 2606AST0252-3394, Date Received: 06/29/2026; Date Tested: 07/01/2026, Analyst: 155709

Analyte	Method Detection Limit	Results	Results
	PPM	%	PPM
β-Caryophyllene	2.500	0.731	7307.826
Limonene	2.500	0.497	4968.882
β-Myrcene	2.500	0.374	3742.066
α-Humulene	2.500	0.280	2797.421
Linalool	2.500	0.143	1427.583
β-Pinene	2.500	0.103	1031.110
α-Bisabolol	2.500	0.090	895.397
α-Pinene	2.500	0.056	560.204
Camphene	2.500	0.018	183.826
Terpinolene	2.500	0.011	110.440
Caryophyllene Oxide	2.500	0.008	81.778
trans-Ocimene	2.500	0.005	46.279
α-Terpinene	2.500	0.004	40.809
γ-Terpinene	2.500	0.004	40.646
Eucalyptol	2.500	0.003	31.008
3-Carene	2.500	ND	ND
cis-Nerolidol	2.500	ND	ND
cis-Ocimene	2.500	ND	ND
Geraniol	2.500	ND	ND
Guaiol	2.500	ND	ND
Isopulegol	2.500	ND	ND
p-Cymene	2.500	ND	ND
trans-Nerolidol	2.500	ND	ND
Total		**2.327**	**23265.275**

Primary Aromas

- Cinnamon
- Orange
- Hops
- Lavender
- Pine

Notice of Conformity and Decision Rule: All decisions of "Pass" or "Fail" are determined based upon the limits set forth by the MA Cannabis Control Commission and its regulations. This includes, but is not limited to those denied in 935 CMR 501.000, 935 CMR 500.000, & Protocol for the Sampling and Analysis of Finished Marijuana Products and Marijuana Products for Marijuana Establishments, Medical Marijuana Treatment Centers, and Colocated Marijuana Operations. Assured Testing Laboratories does not apply the reported calculation measurement uncertainty to manufacturer or other sources of tolerance/specifications to determine a test result's pass or fail status. It is the responsibility of the end user to consider the measurement uncertainty when determining the instrument suitability.
SOP-005, GC-MS

300 Potash Hill Road
Tyngsborough, MA
(339) 233-4726
https://www.assuredtestinglab.com/home
Lic# IL281360

Edward Boumil
Dr. Edward Boumil
Senior Laboratory Technician

Suzanne Rohm
Suzanne Rohm
Laboratory Technician III

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

Assured Testing Laboratories LLC (ATL) has performed analysis in compliance with ISO 17025-2017.
Analysis for terpenes are not a part of ISO 17025-2017 scope of accreditation.