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: 2603AST0084-0930

Strain: D2P
Harvest/Production Date: 2026-02-26; Batch Size: g;
Harvest Process Lot:
METRC Batch:
Report Created: 03/19/2026

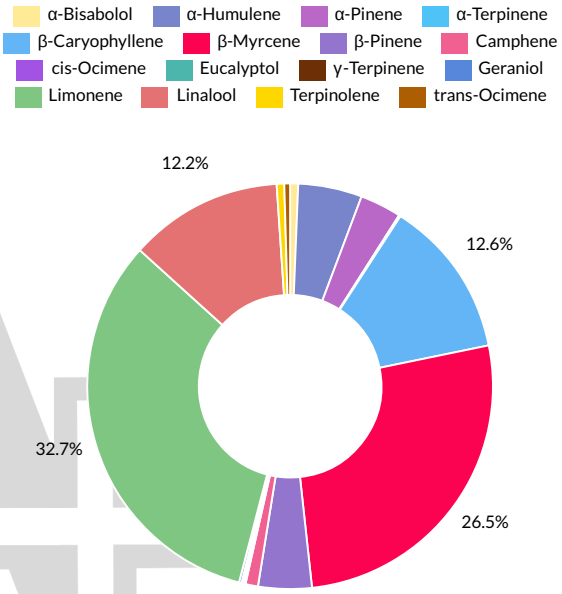
M00004421855: D2P

Plant, Flower - Cured
METRC Sample: 1A40A030000CEA5000005780

☐ Sanitization ☐ Remediation



Terpenes



Cannabinoids

31.59%	0.35%	35.55%	40.39%
Total THC	Total CBD	Total Active Cannabinoids	Total Cannabinoids

Summary

Complete	Pass	Pass	Pass	Pass
3.174%				
Terpenes	Heavy Metals	Mycotoxins	Pesticides	Microbials

Primary Aromas

Orange	Hops	Cinnamon	Lavender	Pine

300 Potash Hill Road
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https://www.assuredtestinglab.com/home
Lic# IL281360

Edward Boumil
Dr. Edward Boumil
Senior Laboratory Technician

Suzanne Rohm
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Cannabinoids — Complete

31.59%	0.35%	35.55%	40.39%
Total THC	Total CBD	Total Active Cannabinoids	Total Cannabinoids

Analyte	Method Detection Limit	Results	Results
	%	%	mg/g
THCa	0.0900	35.76	357.59
Δ9-THC	0.1100	0.23	2.29
Δ8-THC	0.1200	ND	ND
THCVa	0.1000	1.37	13.68
THCV	0.1200	0.74	7.39
CBDa	0.0800	0.40	3.97
CBD	0.1300	ND	ND
CBDVa	0.1000	ND	ND
CBDV	0.1200	ND	ND
CBNa	0.1000	ND	ND
CBN	0.1200	ND	ND
CBGa	0.1000	1.39	13.92
CBG	0.1300	0.13	1.31
CBCa	0.0900	0.37	3.72
CBC	0.1200	ND	ND
CBL	0.1300	ND	ND
Total Active Cannabinoids		**35.5536**	**355.5365**
Total Cannabinoids		**40.3860**	**403.8603**

Sample ID: 2603AST0084-0930, Date Received: 03/13/2026; Date Tested: 03/17/2026,
Analyst: 164740
Notes:
Total THC = d9 THC + (0.877*THCA), Total CBD = CBD + (0.877*CBDA)
SOP-002, HPLC-UV
*All cannabinoids are calculated as true dry weight %, with water content measured by Karl Fischer and calculated by the following equation: (% Cannabinoid) / (1-(Moisture Content (%) / 100))

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: 2603AST0084-0930, Date Received: 03/13/2026;Date Tested: 03/18/2026,
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	1300	Pass
Yeast & Mold	100	10000	330	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	ND	Pass
Coliforms	100	1000	ND	Pass
E. Coli			ND	Pass
Salmonella			ND	Pass

Sample ID: 2603AST0084-0930, Date Received: 03/13/2026; Date Tested: 03/16/2026,
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	54.0000	200.0000	ND	Pass
Cadmium	41.0000	200.0000	ND	Pass
Lead	74.0000	500.0000	ND	Pass
Mercury	3.0000	100.0000	ND	Pass

Sample ID: 2603AST0084-0930, Date Received: 03/13/2026; Date Tested: 03/16/2026,
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: 2603AST0084-0930, Date Received: 03/13/2026; Date Tested: 03/18/2026,Analyst: 155709
SOP-001, LC-MS

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Terpenes

Sample ID: 2603AST0084-0930, Date Received: 03/13/2026; Date Tested: 03/17/2026, Analyst: 155709

Analyte	Method Detection Limit	Results	Results
	PPM	%	PPM
Limonene	2.500	1.036	10363.610
β-Myrcene	2.500	0.841	8412.672
β-Caryophyllene	2.500	0.400	4002.134
Linalool	2.500	0.388	3881.933
α-Humulene	2.500	0.162	1616.968
β-Pinene	2.500	0.135	1353.797
α-Pinene	2.500	0.105	1046.725
Camphene	2.500	0.032	316.249
α-Bisabolol	2.500	0.020	203.201
Terpinolene	2.500	0.019	190.575
trans-Ocimene	2.500	0.015	146.440
Geraniol	2.500	0.006	61.573
cis-Ocimene	2.500	0.005	45.298
γ-Terpinene	2.500	0.004	42.768
α-Terpinene	2.500	0.004	41.357
Eucalyptol	2.500	0.002	16.219
3-Carene	2.500	ND	ND
Caryophyllene Oxide	2.500	ND	ND
cis-Nerolidol	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		**3.174**	**31741.519**

Primary Aromas

- Orange
- Hops
- Cinnamon
- 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

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