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: 2604AST0161-1894

Strain: Crunch Berries
Harvest/Production Date: 2026-04-17; Batch Size: g;
Harvest Process Lot:
METRC Batch:
Report Created: 05/08/2026

M00004510434: Crunch Berries

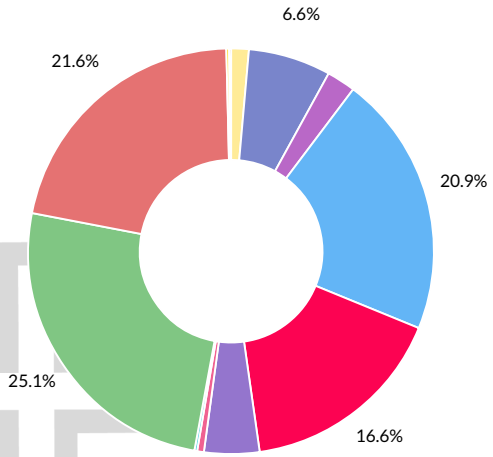
Plant, Flower - Cured
METRC Sample: 1A40A030000CEA5000006420

☐ Sanitization ☐ Remediation



Terpenes

α-Bisabolol α-Humulene α-Pinene β-Caryophyllene
β-Myrcene β-Pinene Camphene Caryophyllene Oxide
Limonene Linalool Terpinolene trans-Ocimene



Cannabinoids

23.64%	0.08%	26.29%	29.83%
Total THC	Total CBD	Total Active Cannabinoids	Total Cannabinoids

Summary

Complete	Pass	Pass	Pass	Pass	Complete
2.377%					8%
Terpenes	Heavy Metals	Mycotoxins	Pesticides	Microbials	Moisture

Primary Aromas

Orange | Lavender | Cinnamon | Hops | Pine

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

Edward Boumil
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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.

Moisture Date Received: 05/06/2026; Date Tested: 05/07/2026; Analyst: 155905; SOP-013, Titration, Moisture is not a part of ISO 17025-2017 scope of accreditation.

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Cannabinoids — Complete

23.64% Total THC	0.08% Total CBD	26.29% Total Active Cannabinoids	29.83% Total Cannabinoids

Analyte	Method Detection Limit	Results	Results
	%	%	mg/g
THCa	0.0900	26.49	264.95
Δ9-THC	0.1100	0.41	4.05
Δ8-THC	0.1200	ND	ND
THCVa	0.1000	0.68	6.77
THCV	0.1200	ND	ND
CBDa	0.0800	0.09	0.89
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	0.91	9.15
CBG	0.1300	0.35	3.54
CBCa	0.0900	0.65	6.49
CBC	0.1200	ND	ND
CBL	0.1300	0.25	2.47
Total Active Cannabinoids		**26.2856**	**262.8564**
Total Cannabinoids		**29.8311**	**298.3113**

Sample ID: 2604AST0161-1894, Date Received: 05/06/2026; Date Tested: 05/07/2026,
Analyst: 164740
Notes:
All cannabinoid values are calculated on a dry weight basis, accounting for moisture content: Adjusted cannabinoid % = (Initial cannabinoid % / ((100-Moisture%) * 100). 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: 2604AST0161-1894, Date Received: 05/06/2026;Date Tested: 05/07/2026,
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	3600	Pass
Yeast & Mold	100	10000	740	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	200	Pass
Coliforms	100	1000	200	Pass
E. Coli			ND	Pass
Salmonella			ND	Pass

Sample ID: 2604AST0161-1894, Date Received: 05/06/2026; Date Tested: 05/07/2026,
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: 2604AST0161-1894, Date Received: 05/06/2026; Date Tested: 05/08/2026,
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

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SOP-001, LC-MS

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Terpenes

Sample ID: 2604AST0161-1894, Date Received: 05/06/2026; Date Tested: 05/08/2026, Analyst: 155709

Analyte	Method Detection Limit	Results	Results
	PPM	%	PPM
Limonene	2.500	0.597	5970.031
Linalool	2.500	0.514	5136.607
β-Caryophyllene	2.500	0.497	4968.925
β-Myrcene	2.500	0.394	3936.943
α-Humulene	2.500	0.156	1564.244
β-Pinene	2.500	0.105	1046.552
α-Pinene	2.500	0.055	545.741
α-Bisabolol	2.500	0.033	334.571
Camphene	2.500	0.013	127.411
Caryophyllene Oxide	2.500	0.005	52.124
Terpinolene	2.500	0.005	52.006
trans-Ocimene	2.500	0.004	37.236
3-Carene	2.500	ND	ND
α-Terpinene	2.500	ND	ND
cis-Nerolidol	2.500	ND	ND
cis-Ocimene	2.500	ND	ND
Eucalyptol	2.500	ND	ND
γ-Terpinene	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		**2.377**	**23772.391**

Primary Aromas

- Orange
- Lavender
- Cinnamon
- Hops
- 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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