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: 2604AST0123-1382

Strain: Honey Banana Zuava
Harvest/Production Date: 2026-03-19; Batch Size: g;
Harvest Process Lot:
METRC Batch:
Report Created: 04/09/2026

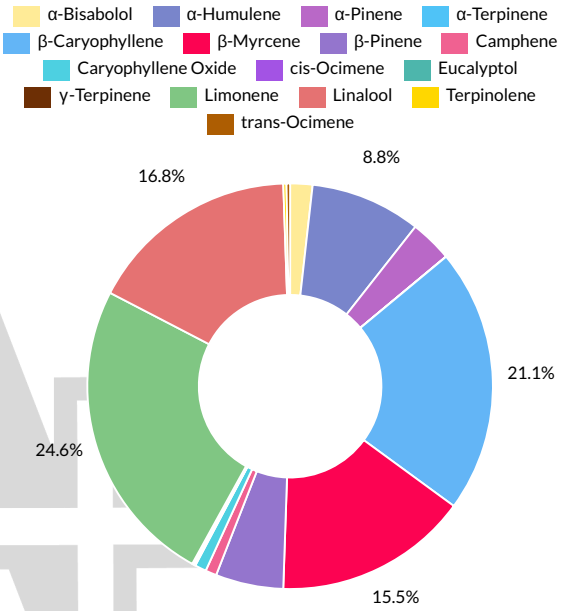
M00004476543: Honey Banana Zuava

Plant, Flower - Cured
METRC Sample: 1A40A030000CEA5000006120

☐ Sanitization ☐ Remediation



Terpenes



Cannabinoids

28.70%	ND	30.90%	35.10%
Total THC	Total CBD	Total Active Cannabinoids	Total Cannabinoids

Summary

Complete	Pass	Pass	Pass	Pass	Complete
2.553%					7%
Terpenes	Heavy Metals	Mycotoxins	Pesticides	Microbials	Moisture

Primary Aromas

Orange	Cinnamon	Lavender	Hops	Pine

300 Potash Hill Road
Tyngsborough, MA
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Edward Boumil
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Senior Laboratory Technician

Suzanne Rohm
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Laboratory Technician III

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Moisture Date Received: 04/08/2026; Date Tested: 04/08/2026; Analyst: 155905;
SOP-013, Titration, Moisture is not a part of ISO 17025-2017 scope of accreditation.

Assured Testing Laboratories LLC (ATL) has performed analysis in compliance with ISO 17025-2017.
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Cannabinoids — Complete

28.70% Total THC	ND Total CBD	30.90% Total Active Cannabinoids	35.10% Total Cannabinoids

Analyte	Method Detection Limit	Results	Results
	%	%	mg/g
THCa	0.0900	32.55	325.49
Δ9-THC	0.1100	0.16	1.59
Δ8-THC	0.1200	ND	ND
THCVa	0.1000	0.46	4.61
THCV	0.1200	0.85	8.50
CBDa	0.0800	ND	ND
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	0.80	7.96
CBG	0.1300	ND	ND
CBCa	0.0900	0.28	2.81
CBC	0.1200	ND	ND
CBL	0.1300	ND	ND
Total Active Cannabinoids		**30.9033**	**309.0326**
Total Cannabinoids		**35.0960**	**350.9596**

Sample ID: 2604AST0123-1382, Date Received: 04/08/2026; Date Tested: 04/09/2026,
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: 2604AST0123-1382, Date Received: 04/08/2026;Date Tested: 04/09/2026,
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	1900	Pass
Yeast & Mold	100	10000	870	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	ND	Pass
Coliforms	100	1000	ND	Pass
E. Coli			ND	Pass
Salmonella			ND	Pass

Sample ID: 2604AST0123-1382, Date Received: 04/08/2026; Date Tested: 04/08/2026,
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: 2604AST0123-1382, Date Received: 04/08/2026; Date Tested: 04/08/2026,
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

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Analyte	Method Detection Limit	Results	Results
	PPM	%	PPM
Limonene	2.500	0.628	6277.785
β-Caryophyllene	2.500	0.538	5380.434
Linalool	2.500	0.430	4300.218
β-Myrcene	2.500	0.395	3953.413
α-Humulene	2.500	0.225	2251.391
β-Pinene	2.500	0.138	1379.425
α-Pinene	2.500	0.086	855.781
α-Bisabolol	2.500	0.045	454.044
Caryophyllene Oxide	2.500	0.023	232.305
Camphene	2.500	0.023	226.339
trans-Ocimene	2.500	0.007	72.848
Terpinolene	2.500	0.006	64.464
Eucalyptol	2.500	0.004	35.604
γ-Terpinene	2.500	0.002	21.157
cis-Ocimene	2.500	0.001	14.715
α-Terpinene	2.500	0.001	5.654
3-Carene	2.500	ND	ND
cis-Nerolidol	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		**2.553**	**25525.577**

Primary Aromas

- Orange
- Cinnamon
- Lavender
- 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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