Certificate of Analysis

G7 Lab, LLC.
INDEPENDENT TESTING LABORATORY

Advanced Cultivators, LLC MC 283314 100 Phoenix Avenue Units 3 and 5 Lowell, MA 01852 United States	**G7 Lab LLC** 160 Ayer Road, STE 3 Littleton, MA 01460 United States https://g7lab.com

ilac-MRA

PJLA Testing
Accreditation #110245

Summary

FL-5528

Sample ID	FL-5528
Batch ID	B-5723
Client Batch ID	1A40A030000CEA5000004175
Client	Advanced Cultivators, LLC
Metrc Tag	1A40A030000CEA5000004193
COC Client SID	M00004185714: Toffee Nut Crunch
COC Client BID	Toffee Nut Crunch - 20250828
Sanitized	No
Remediated	No
Sample Type	Flower
Specification	FLOWER MA REC. (Lab)
Date Received	2025-09-10 15:14
Date of Analysis	2025-09-20 13:27
Date Reported	2025-09-20 13:27
Reported by	SG902 (G7LAB@G7LAB.COM)

Results for FL-5528

Summary of Analysis	Result	Unit	Range
Potency	Tested		
Pesticides	Pass		
Mycotoxins	Pass		
Microbiology	Pass		
Heavy Metals	Pass		
Terpenes	Tested		

Potency Calculations	Result	Unit	Range
Total Potency	28.01	*Wt.%*	
★ Total CBD=CBD+CBDAX0.877	0.00	*Wt.%*	
★ Total THC=THC+THCAX0.877	23.21	*Wt.%*	

Potency by HPLC-DAD	Result	Unit	Range
★ CBDVA	< LOQ	*Wt.%*	
★ CBDV	< LOQ	*Wt.%*	
★ CBDA	< LOQ	*Wt.%*	
★ CBGA	1.09	*Wt.%*	
★ CBG	0.14	*Wt.%*	
★ CBD	< LOQ	*Wt.%*	
★ THCV	< LOQ	*Wt.%*	
★ THCVA	0.42	*Wt.%*	
★ CBN	< LOQ	*Wt.%*	
★ CBNA	< LOQ	*Wt.%*	
★ Delta 9 THC	0.67	*Wt.%*	
★ Delta 8 THC	< LOQ	*Wt.%*	
★ CBL	< LOQ	*Wt.%*	
★ CBC	< LOQ	*Wt.%*	
★ Delta 9 THCA	25.70	*Wt.%*	
★ CBCA	< LOQ	*Wt.%*	

SOP: G7TECH01. Analyst: SG902, JA903

PGR & Mycotoxins by LCMS/MS	Result	Unit	Range
★ Bifenazate	< LOQ	*ug/kg*	0 - 10
★ Bifenthrin	< LOQ	*ug/kg*	0 - 10
★ Cyfluthrin	< LOQ	*ug/kg*	0 - 10
★ Etoxazole	< LOQ	*ug/kg*	0 - 10
★ Imazalil	< LOQ	*ug/kg*	0 - 10
★ Imidacloprid	< LOQ	*ug/kg*	0 - 10
★ Myclobutanil	< LOQ	*ug/kg*	0 - 10
★ Spiromesifen	< LOQ	*ug/kg*	0 - 10
★ Trifloxystrobin	< LOQ	*ug/kg*	0 - 10
★ Aflatoxin B1	< LOQ	*ug/kg*	
★ Aflatoxin B2	< LOQ	*ug/kg*	
★ Aflatoxin G1	< LOQ	*ug/kg*	
★ Aflatoxin G2	< LOQ	*ug/kg*	
★ Ochratoxin A	< LOQ	*ug/kg*	
Total Aflatoxins=B1+B2+G1+G2+OA	< LOQ	*ug/kg*	0 - 20
SOP: G7TECH03. Analyst: SG902, JA903			

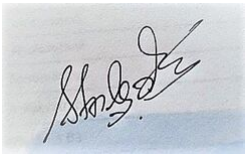
Microbiology PCR	Result	Unit	Range
★ STEC(E. Coli) by RT-PCR	Not Detected		
★ Salmonella by RT-PCR	Not Detected		
★ Total Viable Aerobic Bacteria by PCR	< LOQ	*CFU/g*	0 - 100000
★ Enterobacteriaceae by PCR	< LOQ	*CFU/g*	0 - 1000
★ Total Coliforms by PCR	< LOQ	*CFU/g*	0 - 1000
★ Total Yeast Mold by PCR	< LOQ	*CFU/g*	0 - 10000
SOP: G7 TECH05, G7TECH08. Analyst: SG902, JA903			

Heavy Metals by ICP-MS	Result	Unit	Range
★ Arsenic	< LOQ	*ug/kg*	0 - 200
★ Cadmium	< LOQ	*ug/kg*	0 - 200
★ Lead	< LOQ	*ug/kg*	0 - 500
★ Mercury	< LOQ	*ug/kg*	0 - 100
SOP: G7TECH02. Analyst: SG902, JA903			

Terpenes by HSGC-FID	Result	Unit	Range
Total Terpenes	2.09	*Wt.%*	
α-Pinene	0.18	*Wt.%*	
Camphene	0.06	*Wt.%*	
β-Myrcene	0.06	*Wt.%*	
β-Pinene	0.22	*Wt.%*	
δ-3-Carene	0.01	*Wt.%*	
α-Terpinene	0.01	*Wt.%*	
α-Ocimene	< LOQ	*Wt.%*	
D-Limonene	0.85	*Wt.%*	
p-Cymene	0.02	*Wt.%*	
Eucalyptol	< LOQ	*Wt.%*	
γ-Terpinene	0.01	*Wt.%*	
Terpinolene	0.02	*Wt.%*	
Linalool	< LOQ	*Wt.%*	
Isopulegol	< LOQ	*Wt.%*	
Geraniol	0.02	*Wt.%*	
β-Caryophyllene	0.34	*Wt.%*	
α-Humulene	0.21	*Wt.%*	
Nerolidol	0.05	*Wt.%*	
Guaiol	< LOQ	*Wt.%*	
Caryophyllene oxide	< LOQ	*Wt.%*	
α-Bisabolol	0.01	*Wt.%*	

SOP: G7TECH12. Analyst: SG902, JA903

Responsibles



Shankar Gautam
Technical Manager

Reported by
SG902 (G7LAB@G7LAB.COM)

⚠ Result out of client specified range.
★ Methods included in the PJLA Inc. schedule of Accreditation for this Laboratory. Analysis remarks are not accredited.
Analysis results relate only to the samples tested as received.
All Massachusetts pass limits are specified in the most recent version of 935 CMR 500 & 935 CMR 501. Uncertainty information is available upon request. Decision rule (measurement of uncertainty) is not used to determine Pass/Fail. G7 Lab LLC makes no claim as to the safety, efficacy or other risks associated with detected or non-detected levels of analytes reported.
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