



Accreditation #120090

Proficiency Testing:
PHENOVA**Laboratory Location**

6308 Angus Drive, Ste B
Raleigh NC 27617
919-673-7153 / 919-450-1870
frank@delta9analytical.com
michael@delta9analytical.com

NC Controlled Substance License #: NC-DHHS-1004369

DEA Controlled Substance License #: RD0577986

Client Name: **Asterra Labs**
Client Address: **800 Cooke Rd**
Nashville, NC 27856

Sample Type: **Edible**
Sample Matrix: **Gummy**
Sample ID: **28691**
Sample Name: **Pineapple Gummy**

Test: **Full Panel**
Size: **10.6g**

Received Date: **10162025**
Run Date: **10162025**
Report Date: **10212025**

Compliance for Retail:

PASS**CANNABINOID SUMMARY**

TOTAL CANNABINOIDS: 0.2562%
2.562 mg/g (**27.16 mgs**)
TOTAL THC: 0.2408%
Δ9-THC: 2.408 mg/g (**25.52 mgs**)

Disclaimer: Asterra Pineapple Gummy contains **25mg** of hemp-derived **D9-THC** per **gummy** with **25mg** of **D9-THC** per serving.

BATCH PHOTO**B# 25J005****CANNABINOIDS** (Liquid Chromatography Mass Spectrometry - LCMS)**MOISTURE** (loss on drying): **NT**

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.002	9S-Hexahydrocannabinol (HHCS)	ND	ND	0.002
Δ8-THC	ND	ND	0.002	9R-Hexahydrocannabinol (HHCR)	ND	ND	0.002
Cannabichromene (CBC)	ND	ND	0.002	Cannabidiolic Acid (CBDA)	ND	ND	0.002
Cannabigerol (CBG)	ND	ND	0.002	Δ9-THC Acid (THCA)	ND	ND	0.002
Cannabidiol (CBD)	0.0067	0.0665	0.002	THC-varian (THCV)	ND	ND	0.002
Cannabigerolic Acid (CBGA)	ND	ND	0.002	***Δ9-THC	0.2408	2.408	0.002
Cannabidivarin (CBDV)	ND	ND	0.002	**TOTAL CANNABINOIDS	0.2562	2.562	
Cannabidivarin Acid (CBDVA)	ND	ND	0.002	*TOTAL THC	0.2408	2.408	
Cannabicitran (CBT)	ND	ND	0.002	*TOTAL CBD	0.0067	0.0665	
6aR,9S-Δ10-THC	ND	ND	0.002	*TOTAL CBG	ND	ND	
6aR,9R-Δ10-THC	ND	ND	0.002	*TOTAL CBDV	ND	ND	
THC-O-Acetate (THCO)	ND	ND	0.002	TOTAL Δ10-THC	ND	ND	
THCp	ND	ND	0.002	TOTAL HHC	ND	ND	

Calculated as follows: Total CBD/G/V = CBDA/GA/VA% (0.877) + CBD/G/V%. Total THC = THCA%(0.877) + Δ9-THC%. **Total Cannabinoids is the absolute sum of all cannabinoids detected. **ND = Not Detected; NT = Not Tested**

RESULT CERTIFICATION

10212025

Frank P. Mauro/Michael R. Horton/Brittany A. Maggs

Frank P. Mauro COO/Michael R. Horton CSO & Date



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PESTICIDES (Analysis by LCMSMS/*GCMSMS)

Analyte	LOD (PPB)	Result (PPB)	Limit (PPB)	Status	Analyte	LOD (PPB)	Result (PPB)	Limit (PPB)	Status
Abamectin	30	ND	100	PASS	Fludioxonil	300	ND	3000	PASS
Acephate	300	ND	3000	PASS	Hexythiazox	200	ND	2000	PASS
Acequinocyl	200	ND	2000	PASS	Imazalil	10	ND	100	PASS
Acetamiprid	300	ND	3000	PASS	Imidacloprid	300	ND	3000	PASS
Aldicarb	10	ND	100	PASS	Kresoxim Methyl	100	ND	100	PASS
Azoxystrobin	300	ND	3000	PASS	Malathion	200	ND	2000	PASS
Bifenazate	300	ND	3000	PASS	Metaxyl	300	ND	3000	PASS
Bifenthrin	50	ND	100	PASS	Methiocarb	10	ND	100	PASS
Boscalid	300	ND	3000	PASS	Methomyl	10	ND	100	PASS
*Captan	300	ND	3000	PASS	*Methyl Parathion	10	ND	100	PASS
Carbaryl	50	ND	100	PASS	Mevinphos	10	ND	100	PASS
Carbofuran	10	ND	100	PASS	Myclobutanil	300	ND	3000	PASS
Chlorantraniliprole	300	ND	3000	PASS	Naled	50	ND	100	PASS
*Chlordane	10	ND	100	PASS	Oxamyl	50	ND	100	PASS
*Chlorfenapyr	10	ND	100	PASS	Paclobutrazol	10	ND	100	PASS
Chlormequat Chloride	300	ND	3000	PASS	Pentachloro nitrobenzene	20	ND	200	PASS
Chlorpyrifos	10	ND	100	PASS	Permethrins	100	ND	100	PASS
Clofentezine	50	ND	100	PASS	Phosmet	20	ND	100	PASS
Coumaphos	10	ND	1000	PASS	Piperonyl Butoxide	300	ND	8000	PASS
Cyfluthrin	100	ND	1000	PASS	Prallethrin	40	ND	100	PASS
Cypermethrin	100	ND	1000	PASS	Propiconazole	100	ND	100	PASS
Daminozide	10	ND	1000	PASS	Propoxur	10	ND	100	PASS
Diazinon	20	ND	100	PASS	Pyrethrins	100	ND	1000	PASS
Dichlorvos	10	ND	100	PASS	Pyridaben	300	ND	3000	PASS
Dimethoate	300	ND	3000	PASS	Spinetoram total	300	ND	3000	PASS
Dimethomorph	300	ND	3000	PASS	Spinosad total	300	ND	3000	PASS
Ethoprophos	10	ND	100	PASS	Spiromesifen	300	ND	3000	PASS
Etofenprox	10	ND	100	PASS	Spirotetramat	300	ND	3000	PASS
Etoxazole	150	ND	100	PASS	Spiroxamine	10	ND	100	PASS
Fenhexamid	300	ND	3000	PASS	Tebuconazole	100	ND	2000	PASS
Fenoxycarb	10	ND	100	PASS	Thiacloprid	10	ND	100	PASS
Fenpyroximate	200	ND	200	PASS	Thiamethoxam	100	ND	100	PASS
Fipronil	10	ND	100	PASS	Trifloxystrobin	300	ND	3000	PASS
Fonicamid	200	ND	2000	PASS					

LOD = Level of Detection; ND = Not Detected; NT = Not Tested

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HEAVY METALS (Analysis by ICP-MS)

Analyte	LOD (PPB)	Results (PPB)	Limit (PPB)	Status	Analyte	LOD (PPB)	Results (PPB)	Limit (PPB)	Status
Arsenic	150	ND	200	PASS	Lead	50	ND	500	PASS
Cadmium	50	ND	200	PASS	Mercury	300	ND	200	PASS

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MYCOTOXINS (Analysis by LCMSMS)

Toxin	LOD (PPB)	Results (PPB)	Limit (PPB)	Status	Toxin	LOD (PPB)	Results (PPB)	Limit (PPB)	Status
Aflatoxin B1	5	ND	20	PASS	Aflatoxin G2	5	ND	20	PASS
Aflatoxin B2	5	ND	20	PASS	TOTAL Aflatoxins	20	ND	20	PASS
Aflatoxin G1	5	ND	20	PASS	Ochratoxin A	5	ND	20	PASS

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MICROBIALS (Analysis by qPCR)

Organism	LOQ (CFU/g)	Results (CFU/g)	Limit (CFU/g)	Status	Organism	LOQ (CFU/g)	Results (CFU/g)	Limit (CFU/g)	Status
BTGN Bacteria	1	ND	--	PASS	Enterobacteriaceae	1	Absent in 1g	--	PASS
Total Aerobic Bacteria	1	ND	--	PASS	Shiga Toxin Producing E. coli	1	Absent in 1g	1	PASS
Total Yeast/Mold	10000	ND	100000	PASS	Aspergillus Flavus	1	Absent in 1g	--	PASS
Total Coliforms	1	Absent in 1g	--	PASS	Aspergillus Fumigatus	1	Absent in 1g	--	PASS
Total Ecoli	1	Absent in 1g	100	PASS	Aspergillus Niger	1	Absent in 1g	--	PASS
Salmonella	1	Absent in 1g	1	PASS	Aspergillus Terreus	1	Absent in 1g	--	PASS

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RESIDUAL SOLVENTS (Analysis by GC FID)

Solvent	LOD (PPB)	Result (PPB)	LIMIT (PPB)	Status	Solvent	LOD (PPB)	Result (PPB)	LIMIT (PPB)	Status
1,1-Dichloroethene	1,000	ND	---	PASS	(C6) n - Hexane	5,000	ND	500,000	PASS
1,2-Dichloroethane	1,000	ND	---	PASS	Isopropyl Alcohol	25,000	ND	---	PASS
Acetone	25,000	ND	---	PASS	Methanol	25,000	ND	---	PASS
Acetonitrile	5,000	ND	---	PASS	Methylene Chloride	1,000	ND	---	PASS
Benzene	1,000	ND	---	PASS	(C5) n- Pentane	5,000	ND	---	PASS
Butane	5,000	ND	800,000	PASS	Propane	5,000	ND	---	PASS
Chloroform	1,000	ND	---	PASS	Toluene	1,000	ND	---	PASS
Ethanol	5,000	1,351,000	5,000,000	PASS	Trichloroethylene	1,000	ND	----	PASS
Ethyl Acetate	5,000	ND	---	PASS	m-Xylene	1,000	ND	---	PASS
Ethyl Ether	5,000	ND	---	PASS	o-Xylene	1,000	ND	---	PASS
(C7) n- Heptane	5,000	ND	500,000	PASS	p-Xylene	1,000	ND	---	PASS

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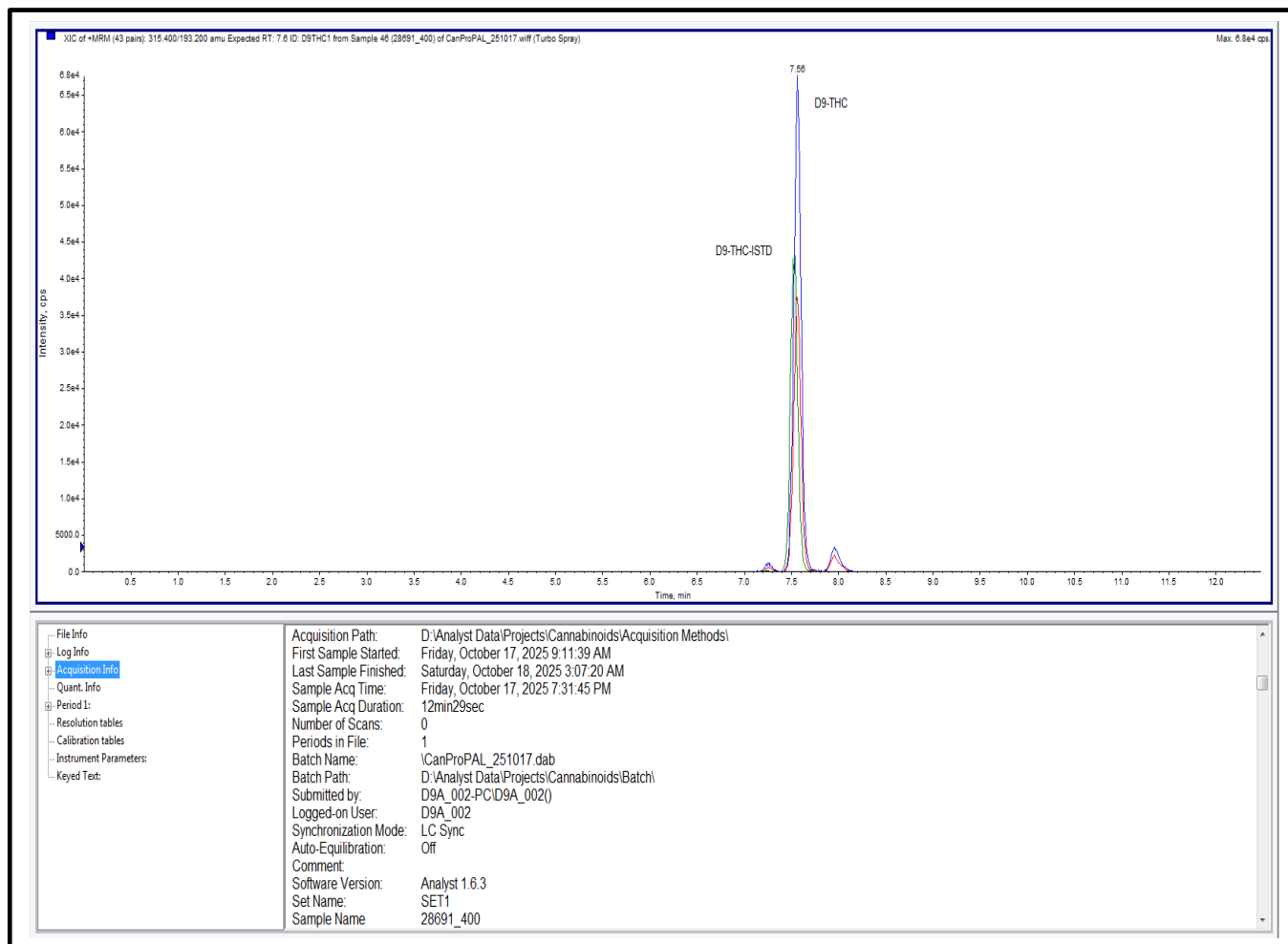
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POTENCY REPORT (ABSciex LCMS Triple Quad)



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