

Highland Goat, LLC
Order No.: ONYHGT0918-0009015
341 Mansion St Ste129
New York, 12603
laurel@highlandgoat.com
3128107559

Sample: SNYHGT0918-IGUM-0019205

Unit Weight: 98.9220g
Batch#: 202500040.1
Date Sampled: 09/18/2025 14:42
Sample Received: 09/18/2025 14:43
Report Created: 09/25/2025 13:55
Sampling SOP 204

Strawberry lemonade gummy gems
Ingestible, Gummy



Results

5.75 mg/dose D9-THC	0.23 mg/dose CBG
0 mg/dose Total CBD	5.75 mg/dose Total THC
5.98 mg/dose Total Cannabinoids	0% Total Terpenes

Tests Summary

Cannabinoids Tested	Moisture Not Tested	Microbials Pass
Water Activity Pass	Foreign Matter Not Tested	Homogeneity Not Tested
Terpenes Tested	Residual Solvents Pass	Mycotoxins Pass
Heavy Metals Pass	Pesticides Pass	

Dominant Terpenes

No terpenes detected

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Cannabinoids

Tested

SOP: SOP 801-NY
 Date/Time Tested: 09/23/2025
 16:26

Analyte	LOQ (ug/mL)	%	mg/g	mg/dose	mg/unit
CBDV	27.78	ND	ND	ND	ND
CBDa	27.78	ND	ND	ND	ND
CBGa	27.78	< LOQ	< LOQ	< LOQ	< LOQ
CBG	27.78	0.00	0.05	0.23	4.63
CBD	27.78	ND	ND	ND	ND
THCV	27.78	< LOQ	< LOQ	< LOQ	< LOQ
CBN	27.78	< LOQ	< LOQ	< LOQ	< LOQ
D9-THC	27.78	0.12	1.16	5.75	115.02
D8-THC	27.78	ND	ND	ND	ND
(6aR,9S)-d10-THC	27.78	ND	ND	ND	ND
(6aR,9R)-d10-THC	27.78	ND	ND	ND	ND
CBC	27.78	< LOQ	< LOQ	< LOQ	< LOQ
THCa	27.78	ND	ND	ND	ND
Total CBD		0.00	0.00	0.00	0.00
Total THC		0.12	1.16	5.75	115.02
Total Cannabinoids		0.12	1.21	5.98	119.65

Report notes:
 Total THC = THCa * 0.877 + Δ8-THC + Δ9-THC + (6aR,9S)-d10-THC + (6aR,9R)-d10-THC
 Total CBD = CBDa * 0.877 + CBD
 Total Cannabinoids = Sum of all cannabinoids
 LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. OCMPPCL-2022-00001. Cannabinoid potency values for flower type products are reported by percentage of dry weight determined via loss on drying; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. All results were generated by ISO certified methods to full state testing requirements. ND = Not Detected; NT = Not Tested; NR = Not Reported

Microbials

Pass

SOP: SOP 401-NY SOP 418-NY
 Instrument: 35C Incubator - 1032 / 28C Incubator - 1034 / BioRad CFX qPCR - 3195
 Date/Time Tested: 09/20/2025
 09:45

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria	100	10,000	ND	Passed
E. Coli			0	ND Passed
Yeast & Mold	100	1,000	ND	Passed
Salmonella			0	ND Passed
Aspergillus Flavus			0	ND Passed
Aspergillus Fumigatus			0	ND Passed
Aspergillus Niger			0	ND Passed
Aspergillus Terreus			0	ND Passed

Report notes:
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Water Activity

Pass

SOP: SOP 206-NY
 Date/Time Tested: 09/23/2025
 13:01

Analyte	Limit (aw)	aw	Status
Water Activity	0.85	0.69	Passed



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Terpenes

SOP: SOP 620-NY

Instrument: Agilent GC-FID 1950 - 1950

Date/Time Tested: 09/21/2025 09:31

Tested

Analyte	LOQ (ug/mL)	%	Analyte	LOQ (ug/mL)	%
a-Pinene	163	ND	DL-Menthol	163	ND
Camphene	163	ND	Borneol	163	ND
Sabinene	163	ND	Terpineol	163	ND
b-Pinene	163	ND	Nerol	163	ND
b-Myrcene	163	ND	Pulegone	163	ND
a-Phellandrene	163	ND	Geraniol	163	ND
d-3-Carene	163	ND	Geranyl Acetate	163	ND
a-Terpinene	163	ND	a-Cedrene	163	ND
Limonene	163	ND	b-Caryophyllene	163	ND
p-Cymene	163	ND	a-Humulene	163	ND
Eucalyptol	163	ND	Valencene	163	ND
g-Terpinene	163	ND	cis-Nerolidol	163	ND
Terpinolene	163	ND	trans-Nerolidol	163	ND
Fenchol	163	ND	Guaiol	163	ND
Sabinene Hydrate	163	ND	Caryophyllene Oxide	163	ND
Linalool	163	ND	Cedrol	163	ND
Fenchone	163	ND	a-Bisabolol	163	ND
Isopulegol	163	ND	trans-b-Ocimene	163	ND
Camphor	163	ND	trans-b-Farnesene	163	ND
Isoborneol	163	ND	Total Terpenes		ND

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Residual Solvents

SOP: SOP 612-NY
Instrument: MS - 2544 / HS - 2542 / Agilent HS-GC-MS 2543 - 2543
Date/Time Tested: 09/20/2025 18:40

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
1,2-Dichloroethane	2	5	ND	Passed
Acetone	39	5,000	ND	Passed
Acetonitrile	15	410	ND	Passed
Benzene	2	2	ND	Passed
Butane	39	5,000	ND	Passed
Chloroform	2	60	ND	Passed
Ethanol	192	5,000	ND	Passed
Ethyl Acetate	192	5,000	ND	Passed
Ethyl Ether	19	5,000	ND	Passed
DMSO	96	5,000	ND	Passed
Heptane	19	5,000	ND	Passed
Hexanes	6	290	ND	Passed
Isopropyl Alcohol	192	5,000	ND	Passed
Methanol	115	3,000	< LOQ	Passed
Methylene Chloride	2	600	ND	Passed
Pentanes	58	5,000	ND	Passed
Propane	19	5,000	ND	Passed
Toluene	4	890	ND	Passed
Trichloroethane	48	1,500	ND	Passed
Xylenes	254	2,170	ND	Passed
1,1,1,2-Tetrafluoroethane (HFC-134a)	19	1,000	ND	Passed

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Mycotoxins

Pass

SOP: SOP 808-NY
 Instrument: Agilent LCMS 2546 - 2546
 Date/Time Tested: 09/21/2025 17:33

Analyte	LOQ (ng/g)	Limit (ng/g)	ng/g	Status
B1	4.8		ND	Tested
B2	4.8		ND	Tested
G1	4.8		ND	Tested
G2	4.8		ND	Tested
Ochratoxin A	4.8	20.0	ND	Passed
Total Aflatoxins		20.0	ND	Passed
Total Mycotoxins			ND	Tested

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Heavy Metals

Pass

SOP: SOP 250-NY
 Instrument: Agilent 7800 ICP-MS - 2594
 Date/Time Tested: 09/22/2025 10:55

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.176	120.000	ND	Passed
Arsenic	0.176	1.500	ND	Passed
Cadmium	0.176	0.500	ND	Passed
Chromium	0.176	1,100.000	ND	Passed
Copper	0.211	300.000	ND	Passed
Mercury	0.042	3.000	ND	Passed
Nickel	0.211	20.000	ND	Passed
Lead	0.176	0.500	ND	Passed

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Pesticides

SOP: SOP 814-NY
Instrument: Agilent GCMS 2541 - 2541
Date/Time Tested: 09/21/2025 18:00

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Abamectin	0.38	0.50	ND	Passed
Acephate	0.10	0.40	ND	Passed
Acequinocyl	0.10	2.00	ND	Passed
Acetamiprid	0.10	0.20	ND	Passed
Aldicarb	0.10	0.40	ND	Passed
Azoxystrobin	0.10	0.20	< LOQ	Passed
Bifenazate	0.10	0.20	ND	Passed
Bifenthrin	0.10	0.20	ND	Passed
Boscalid	0.10	0.40	ND	Passed
Carbaryl	0.10	0.20	ND	Passed
Carbofuran	0.10	0.20	ND	Passed
Chlorantraniliprole	0.10	0.20	ND	Passed
Chlorpyrifos	0.10	0.20	ND	Passed
Clofentezine	0.10	0.20	ND	Passed
Coumaphos	0.10	1.00	ND	Passed
Cyfluthrin	0.48	1.00	ND	Passed
Cypermethrin	0.10	1.00	ND	Passed
Daminozide	0.10	1.00	ND	Passed
Diazinon	0.10	0.20	ND	Passed
Dichlorvos	0.10	1.00	ND	Passed
Dimethoate	0.10	0.20	ND	Passed
Dimethomorph	0.10	1.00	ND	Passed
Ethoprophos	0.10	0.20	ND	Passed
Etofenprox	0.10	0.40	ND	Passed
Etoxazole	0.10	0.20	ND	Passed
Fenhexamid	0.10	1.00	ND	Passed
Fenoxycarb	0.10	0.20	ND	Passed
Fenpyroximate	0.10	0.40	ND	Passed
Fipronil	0.10	0.40	ND	Passed
Flonicamid	0.10	1.00	ND	Passed
Fludioxonil	0.10	0.40	ND	Passed
Hexythiazox	0.10	1.00	ND	Passed
Imazalil	0.10	0.20	ND	Passed
Imidacloprid	0.10	0.40	ND	Passed
Indole-3 Butyric Acid	0.12	1.00	ND	Passed
Kresoxim Methyl	0.10	0.40	ND	Passed
Malathion	0.10	0.20	ND	Passed
Mevinphos	0.10	1.00	ND	Passed
Metalaxyl	0.10	0.20	ND	Passed
Methiocarb	0.10	0.20	ND	Passed



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Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Methomyl	0.10	0.40	ND	Passed
MGK-264	0.01	0.20	ND	Passed
Myclobutanil	0.10	0.20	ND	Passed
Naled	0.10	0.50	ND	Passed
Oxamyl	0.10	1.00	ND	Passed
Paclobutrazol	0.10	0.40	ND	Passed
Permethrin	0.10	0.20	ND	Passed
Phosmet	0.10	0.20	ND	Passed
Piperonyl Butoxide	0.10	2.00	ND	Passed
Prallethrin	0.10	0.20	ND	Passed
Propiconazole	0.10	0.40	ND	Passed
Propoxur	0.10	0.20	ND	Passed
Pyrethrins	0.07	1.00	ND	Passed
Pyridaben	0.10	0.20	ND	Passed
Spinetoram	0.10	1.00	ND	Passed
Spinosyn AD	0.10	0.20	ND	Passed
Spiromesifen	0.10	0.20	ND	Passed
Spirotetramat	0.10	0.20	ND	Passed
Spiroxamine	0.10	0.20	ND	Passed
Tebuconazole	0.10	0.40	ND	Passed
Thiacloprid	0.10	0.20	ND	Passed
Thiamethoxam	0.10	0.20	ND	Passed
Trifloxystrobin	0.10	0.20	ND	Passed
Captan		1.00	TIC	Passed
Methyl Parathion	0.10	0.20	ND	Passed
Chlordane	0.10	1.00	ND	Passed
Chlorfenapyr	0.10	1.00	ND	Passed
PCNB	0.10	1.00	ND	Passed
Azadirachtin	0.12	1.00	ND	Passed
Chlormequat Chloride	0.02	1.00	ND	Passed

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Kimberly Krisolofsky
 Lead Technical Director

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