

Highland Goat, LLC
Order No.: ONYHGT0110-0004268
341 Mansion St Ste129
New York, 12603
laurel@highlandgoat.com
3128107559

Sample: SNYHGT0110-IGUM-0012042

Unit Weight: 74.0000g
Batch#: 202500031, Batch Size: 10000
Sample Received: 01/10/2025 04:53
Report Created: 01/15/2025 17:05
Sampling SOP 204-NY

Gummy Gems Strawberry Lemonade
Ingestible, Gummy



Results

5.20 mg/dose
D9-THC

0.27 mg/dose
THCa

0 mg/dose
Total CBD

5.44 mg/dose
Total THC

5.78 mg/dose
Total Cannabinoids

0%
Total Terpenes

Tests Summary

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

Dominant Terpenes

No terpenes detected

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Gummy Gems Strawberry Lemonade

Ingestible, Gummy



Cannabinoids

SOP 801-NY

Date/Time Tested: 01/12/2025
17:50

Tested

Analyte	LOQ (ug/mL)	mg/g	%	mg/dose	mg/unit
CBDV	33.00	ND	ND	ND	ND
CBDa	33.00	ND	ND	ND	ND
CBGa	33.00	< LOQ	< LOQ	< LOQ	< LOQ
CBG	33.00	0.05	0.00	0.18	3.57
CBD	33.00	ND	ND	ND	ND
THCV	33.00	< LOQ	< LOQ	< LOQ	< LOQ
CBN	33.00	< LOQ	< LOQ	< LOQ	< LOQ
D9-THC	33.00	1.39	0.14	5.20	102.63
D8-THC	33.00	ND	ND	ND	ND
(6aR,9S)-d10-THC	33.00	ND	ND	ND	ND
(6aR,9R)-d10-THC	33.00	ND	ND	ND	ND
CBC	33.00	0.03	0.00	0.13	2.47
THCa	33.00	0.07	0.01	0.27	5.29
Total CBD		0.00	0.00	0.00	0.00
Total THC		1.45	0.14	5.44	107.28
Total Cannabinoids		1.54	0.15	5.78	113.97

Notes:

Total THC = THCa * 0.877 + Δ8-THC + Δ9-THC + (6aR,9S)-d10-THC + (6aR,9R)-d10-THC
Total CBD = CBDa * 0.877 + CBD
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

SOP 401-NY SOP 619-NY

Date/Time Tested: 01/14/2025
16:09

Pass

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria	1,000	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

Notes:

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Water Activity

Date/Time Tested: 01/11/2025
14:34

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.85	0.71	Passed

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 Sampling SOP 204-NY

Gummy Gems Strawberry Lemonade
 Ingestible, Gummy



Terpenes

SOP 620-NY
 Date/Time Tested: 01/11/2025 16:09

Tested

Analyte	LOQ (ug/mL)	%	Analyte	LOQ (ug/mL)	%
Total Terpenes		ND	DL-Menthol	87	ND
a-Pinene	87	ND	Borneol	87	ND
Camphene	87	ND	Terpineol	87	ND
Sabinene	87	ND	Nerol	87	ND
b-Pinene	87	ND	Pulegone	87	ND
b-Myrcene	87	ND	Geraniol	87	ND
a-Phellandrene	87	ND	Geranyl Acetate	87	ND
d-3-Carene	87	ND	a-Cedrene	87	ND
a-Terpinene	87	ND	b-Caryophyllene	87	ND
Limonene	87	< LOQ	a-Humulene	87	ND
Eucalyptol	87	ND	Valencene	87	ND
g-Terpinene	87	ND	cis-Nerolidol	87	ND
Terpinolene	87	ND	trans-Nerolidol	87	ND
Fenchol	87	ND	Guaiol	87	ND
Sabinene Hydrate	87	ND	Caryophyllene Oxide	87	ND
Linalool	87	ND	Cedrol	87	ND
Fenchone	87	ND	a-Bisabolol	87	ND
Isopulegol	87	ND	trans-b-Ocimene	87	ND
Camphor	87	ND	trans-b-Farnesene	87	ND
Isoborneol	87	ND	p-Cymene	87	ND

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Ingestible, Gummy



Residual Solvents

SOP 612-NY
Date/Time Tested: 01/13/2025 10:55

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	16	410	ND	Passed
Benzene	2	2	ND	Passed
Butane	39	5,000	ND	Passed
Chloroform	2	60	ND	Passed
Ethanol	195	5,000	< LOQ	Passed
Ethyl Acetate	195	5,000	ND	Passed
Ethyl Ether	20	5,000	ND	Passed
DMSO	98	5,000	ND	Passed
Heptane	20	5,000	ND	Passed
Hexanes	6	290	ND	Passed
Isopropyl Alcohol	195	5,000	< LOQ	Passed
Methanol	117	3,000	< LOQ	Passed
Methylene Chloride	2	600	ND	Passed
Pentanes	59	5,000	ND	Passed
Propane	20	5,000	ND	Passed
Toluene	4	890	ND	Passed
Trichloroethane	4,883	1,500	ND	Passed
Xylenes	258	2,170	ND	Passed
1,1,1,2-Tetrafluoroethane (HFC-134a)	20	1,000	ND	Passed

Notes:

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Mycotoxins

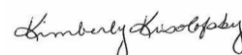
SOP 808-NY
Date/Time Tested: 01/12/2025 14:29

Pass

Analyte	LOQ (ng/g)	Limit (ng/g)	ng/g	Status	Analyte	LOQ (ng/g)	Limit (ng/g)	ng/g	Status
B1	5.0		ND	Tested	Ochratoxin A	5.0	20.0	ND	Passed
B2	5.0		ND	Tested	Total Aflatoxins		20.0	ND	Passed
G1	5.0		ND	Tested	Total Mycotoxins			ND	Tested
G2	5.0		ND	Tested					

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Kimberly Krisolofsky
Lead Technical Director



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Gummy Gems Strawberry Lemonade
Ingestible, Gummy



Heavy Metals

SOP 250-NY

Date/Time Tested: 01/14/2025 14:55

Pass

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	< LOQ	Passed
Copper	0.211	300.000	< LOQ	Passed
Mercury	0.042	3.000	ND	Passed
Nickel	0.211	20.000	< LOQ	Passed
Lead	0.176	0.500	ND	Passed

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Ingestible, Gummy



Pesticides

SOP 814-NY
Date/Time Tested: 01/12/2025 14:07

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Abamectin	0.36	0.50	ND	Passed
Acephate	0.09	0.40	ND	Passed
Acequinocyl	0.09	2.00	ND	Passed
Acetamiprid	0.09	0.20	ND	Passed
Aldicarb	0.09	0.40	ND	Passed
Azoxystrobin	0.09	0.20	< LOQ	Passed
Bifenazate	0.09	0.20	ND	Passed
Bifenthrin	0.09	0.20	ND	Passed
Boscalid	0.09	0.40	ND	Passed
Carbaryl	0.09	0.20	ND	Passed
Carbofuran	0.09	0.20	ND	Passed
Chlorantraniliprole	0.09	0.20	ND	Passed
Chlorpyrifos	0.09	0.20	ND	Passed
Clofentezine	0.09	0.20	ND	Passed
Coumaphos	0.09	1.00	ND	Passed
Cyfluthrin	0.46	1.00	ND	Passed
Cypermethrin	0.09	1.00	ND	Passed
Daminozide	0.09	1.00	ND	Passed
Diazinon	0.09	0.20	ND	Passed
Dichlorvos	0.09	1.00	ND	Passed
Dimethoate	0.09	0.20	ND	Passed
Dimethomorph	0.09	1.00	ND	Passed
Ethoprophos	0.09	0.20	ND	Passed
Etofenprox	0.09	0.40	ND	Passed
Etoxazole	0.09	0.20	ND	Passed
Fenhexamid	0.09	1.00	ND	Passed
Fenoxycarb	0.09	0.20	ND	Passed
Fenpyroximate	0.09	0.40	ND	Passed
Fipronil	0.09	0.40	ND	Passed
Flonicamid	0.09	1.00	ND	Passed
Fludioxonil	0.09	0.40	< LOQ	Passed
Hexythiazox	0.09	1.00	ND	Passed
Imazalil	0.09	0.20	ND	Passed
Imidacloprid	0.09	0.40	ND	Passed
Indole-3 Butyric Acid	0.11	1.00	ND	Passed
Kresoxim Methyl	0.09	0.40	ND	Passed
Malathion	0.09	0.20	ND	Passed
Mevinphos	0.09	1.00	ND	Passed
Metalaxyl	0.09	0.20	ND	Passed
Methiocarb	0.09	0.20	ND	Passed
Methomyl	0.09	0.40	ND	Passed



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Ingestible, Gummy



Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
MGK-264	0.01	0.20	ND	Passed
Myclobutanil	0.09	0.20	ND	Passed
Naled	0.09	0.50	ND	Passed
Oxamyl	0.09	1.00	ND	Passed
Paclobutrazol	0.09	0.40	ND	Passed
Permethrin	0.09	0.20	ND	Passed
Phosmet	0.09	0.20	ND	Passed
Piperonyl Butoxide	0.09	2.00	ND	Passed
Prallethrin	0.09	0.20	ND	Passed
Propiconazole	0.09	0.40	ND	Passed
Propoxur	0.09	0.20	ND	Passed
Pyrethrins	0.06	1.00	ND	Passed
Pyridaben	0.09	0.20	ND	Passed
Spinetoram	0.09	1.00	ND	Passed
Spinosyn AD	0.09	0.20	ND	Passed
Spiromesifen	0.09	0.20	ND	Passed
Spirotetramat	0.09	0.20	ND	Passed
Spiroxamine	0.09	0.20	ND	Passed
Tebuconazole	0.09	0.40	ND	Passed
Thiacloprid	0.09	0.20	ND	Passed
Thiamethoxam	0.09	0.20	ND	Passed
Trifloxystrobin	0.09	0.20	ND	Passed
Captan		1.00	TIC	Passed
Methyl Parathion	0.09	0.20	ND	Passed
Chlordane	0.09	1.00	ND	Passed
Chlorfenapyr	0.09	1.00	ND	Passed
PCNB	0.09	1.00	ND	Passed
Azadirachtin	0.11	1.00	ND	Passed
Chloromequat Chloride	0.02	1.00	ND	Passed

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