

NanoCann Independent Research

Order No.: ONYLLNY0731-0007996
399 Smith St
New York, 11735
david@libertyleaf-ny.com
4243038027

Sample: SNYLLNY0731-PFCU-0017448

Strain: Zoap, Unit Weight: 28.3000g
Batch#: M-F-28G-ZP-072825, Batch Size: 210
Date Sampled: 07/31/2025 15:18
Sample Received: 08/01/2025 06:46
Report Created: 08/06/2025 14:36
Sampling SOP 204

Munchkins - Flower - Packaged - 28g - Zoap - Hybrid

Plant, Flower - Cured



Results

5,719.74 mg/unit
THCa

603.63 mg/unit
D9-THC

ND
Total CBD

5,619.84 mg/unit
Total THC

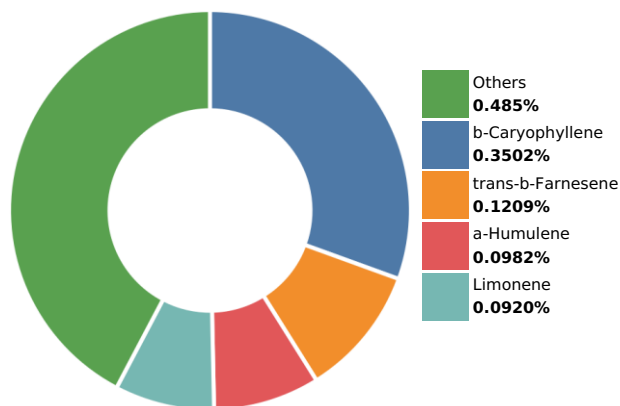
6,502.83 mg/unit
Total Cannabinoids

1.146%
Total Terpenes

Tests Summary

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

Dominant Terpenes





Certificate of Analysis

Amended

OCM-CPL-2022-00001
ACT Laboratories (NY)
16 Corporate Drive, Halfmoon, New York
5172272612
kimberlyk@actlab.com

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Cannabinoids

Tested

SOP: SOP 801-NY

Instrument: Agilent Infinity II - 2779 / Agilent HPLC 2518 - 2518

Date/Time Tested: 08/02/2025 11:37

Analyte	LOQ (ug/mL)	%	mg/g	mg/unit
CBDV	1,934.75	ND	ND	ND
CBDa	1,970.63	ND	ND	ND
CBGa	1,934.75	0.63	6.34	179.46
CBG	1,934.75	ND	ND	ND
CBD	1,970.63	ND	ND	ND
THCV	1,970.63	ND	ND	ND
CBN	1,970.63	ND	ND	ND
D9-THC	1,890.64	2.13	21.33	603.63
D8-THC	1,970.63	ND	ND	ND
(6aR,9S)-d10-THC	1,970.63	ND	ND	ND
(6aR,9R)-d10-THC	1,970.63	ND	ND	ND
CBC	1,934.75	ND	ND	ND
THCa	1,890.64	20.21	202.11	5,719.74
Total CBD		ND	ND	ND
Total THC		19.86	198.58	5,619.84
Total Cannabinoids		22.98	229.78	6,502.83

Notes:

Rev01: Updated client name Rev02: Updated client address

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

Moisture

Pass

SOP: SOP 205-NY

Date/Time Tested: 08/02/2025 10:43

Analyte	Limit (%)	%	Status
Moisture	15	11.0	Passed

Notes:

Rev01: Updated client name Rev02: Updated client address



Kimberly Krisolofsky

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Lead Technical Director



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Plant, Flower - Cured



Microbials

SOP: SOP 401-NY SOP 418-NY

Instrument: BioRad CFX qPCR - 3195 / 35C Incubator - 1032/ 28C

Incubator - 1034

Date/Time Tested: 08/01/2025 17:03

Pass

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria	100		758,903	Tested
E. Coli		0	ND	Passed
Yeast & Mold	100		35,999	Tested
Salmonella		0	ND	Passed
Aspergillus Flavus		0	ND	Passed
Aspergillus Fumigatus		0	ND	Passed
Aspergillus Niger		0	ND	Passed
Aspergillus Terreus		0	ND	Passed

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Water Activity

SOP: SOP 206-NY

Date/Time Tested: 08/02/2025 10:43

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.65	0.55	Passed

Notes:

Rev01: Updated client name Rev02: Updated client address

Foreign Matter

SOP: SOP 203-NY

Date/Time Tested: 08/02/2025 14:08

Pass

Analyte	%
FM Stems	0
FM Other	0
FM Mammal Excrement	Absent

Notes:

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Plant, Flower - Cured



Terpenes

SOP: SOP 620-NY

Instrument: Agilent GC-FID 1950 - 1950

Date/Time Tested: 08/02/2025 16:03

Pass

Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status	Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status
Total Terpenes		115,000	1.1463	Passed	a-Terpinene	73		ND	Tested
b-Caryophyllene	73		0.3502	Tested	p-Cymene	73		ND	Tested
trans-b-Farnesene	73		0.1209	Tested	Eucalyptol	73		ND	Tested
a-Humulene	73		0.0982	Tested	g-Terpinene	73		ND	Tested
Limonene	73		0.0920	Tested	Terpinolene	73		ND	Tested
a-Pinene	73		0.0913	Tested	Sabinene Hydrate	73		ND	Tested
a-Bisabolol	73		0.0782	Tested	Fenchone	73		< LOQ	Tested
Linalool	73		0.0743	Tested	Isopulegol	73		ND	Tested
b-Pinene	73		0.0545	Tested	Camphor	73		ND	Tested
b-Myrcene	73		0.0464	Tested	Isoborneol	73		ND	Tested
Terpineol	73		0.0392	Tested	DL-Menthol	73		ND	Tested
cis-Nerolidol	73		0.0386	Tested	Nerol	73		ND	Tested
Fenchol	73		0.0305	Tested	Pulegone	73		ND	Tested
trans-Nerolidol	73		0.0122	Tested	Geraniol	73		ND	Tested
Caryophyllene Oxide	73		0.0105	Tested	Geranyl Acetate	73		ND	Tested
Borneol	73		0.0091	Tested	a-Cedrene	73		ND	Tested
Camphene	73		< LOQ	Tested	Valencene	73		ND	Tested
Sabinene	73		ND	Tested	Guaiol	73		< LOQ	Tested
a-Phellandrene	73		ND	Tested	Cedrol	73		ND	Tested
d-3-Carene	73		ND	Tested	trans-b-Ocimene	73		< LOQ	Tested

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Plant, Flower - Cured



Mycotoxins

SOP: SOP 808-NY

Instrument: Agilent LCMS 2546 - 2546

Date/Time Tested: 08/02/2025 16:49

Pass

Analyte	LOQ (ng/g)	Limit (ng/g)	ng/g	Status
B1	4.7		ND	Tested
B2	4.7		ND	Tested
G1	4.7		ND	Tested
G2	4.7		ND	Tested
Ochratoxin A	4.7	20.0	ND	Passed
Total Aflatoxins		20.0	ND	Passed
Total Mycotoxins			ND	Tested

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Heavy Metals

SOP: SOP 250-NY

Instrument: Agilent 7800 ICP-MS - 2594

Date/Time Tested: 08/04/2025 10:36

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.180	2.000	ND	Passed
Arsenic	0.180	0.200	ND	Passed
Cadmium	0.180	0.200	< LOQ	Passed
Chromium	0.180	110.000	< LOQ	Passed
Copper	0.216	30.000	6.473	Passed
Mercury	0.043	0.100	< LOQ	Passed
Nickel	0.216	5.000	< LOQ	Passed
Lead	0.180	0.500	< LOQ	Passed

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Plant, Flower - Cured



Pesticides

SOP: SOP 814-NY

Instrument: Agilent GCMS 2541 - 2541 / Agilent LCMS 2546 - 2546

Date/Time Tested: 08/02/2025 16:14

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Abamectin	0.37	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	ND	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	0.47	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	ND	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	0.12	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
Metaxyl	0.09	0.20	ND	Passed
Methiocarb	0.09	0.20	ND	Passed



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Plant, Flower - Cured



Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Methomyl	0.09	0.40	ND	Passed
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	0.07	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	0.12	1.00	ND	Passed
Chlormequat Chloride	0.02	1.00	ND	Passed

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