

NanoCann Independent Research
 Order No.: ONYNOC0923-0009130
 399 Smith St
 New York, 11735
 david@libertyleaf-ny.com
 4243038027

Sample: SNNOC0923-PFCU-0019336
 Strain: Headbanger, Unit Weight: 28.0000g
 Batch#: M-F-28G-HB-092425, Batch Size: 275 Units
 Date Sampled: 09/25/2025 14:36
 Sample Received: 09/25/2025 19:34
 Report Created: 09/29/2025 22:41
 Sampling SOP 204

Munchkins - Flower - Packaged - 28g - Headbanger - Sativa
 Plant, Flower - Cured



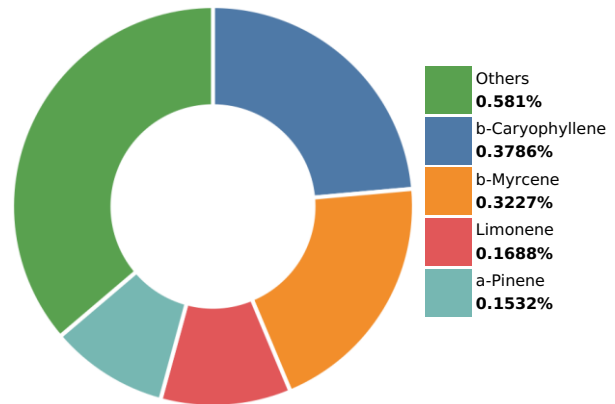
Results

230.23 mg/dose THCa	13.58 mg/dose D9-THC
ND Total CBD	215.49 mg/dose Total THC
248.85 mg/dose Total Cannabinoids	1.605% 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



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Cannabinoids

Tested

SOP: SOP 801-NY
 Date/Time Tested: 09/27/2025
 16:28

Analyte	LOQ (ug/mL)	%	mg/g	mg/dose	mg/unit
CBDV	2,210.66	ND	ND	ND	ND
CBDa	2,107.44	ND	ND	ND	ND
CBGa	2,210.66	0.50	5.03	5.03	140.97
CBG	2,210.66	< LOQ	< LOQ	< LOQ	< LOQ
CBD	2,107.44	ND	ND	ND	ND
THCV	2,107.44	< LOQ	< LOQ	< LOQ	< LOQ
CBN	2,107.44	ND	ND	ND	ND
D9-THC	2,217.39	1.36	13.58	13.58	380.20
D8-THC	2,107.44	ND	ND	ND	ND
(6aR,9S)-d10-THC	2,107.44	ND	ND	ND	ND
(6aR,9R)-d10-THC	2,107.44	ND	ND	ND	ND
CBC	2,210.66	ND	ND	ND	ND
THCa	2,217.39	23.02	230.23	230.23	6,446.52
Total CBD		ND	ND	ND	ND
Total THC		21.55	215.49	215.49	6,033.80
Total Cannabinoids		24.88	248.85	248.85	6,967.69

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

Moisture

Pass

SOP: SOP 205-NY
 Instrument: Shimadzu Moisture Meter - 2560
 Date/Time Tested: 09/27/2025
 15:48

Analyte	Limit (%)	%	Status
Moisture	15	8.6	Passed

Microbials

Pass

SOP: SOP 401-NY SOP 418-NY
 Instrument: BioRad CFX qPCR - 3195 / 35C Incubator - 1032 / 28C Incubator - 1034
 Date/Time Tested: 09/26/2025
 10:28

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria	100		306,354	Tested
E. Coli		0	ND	Passed
Yeast & Mold	100		52,377	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

Pass

SOP: SOP 206-NY
 Date/Time Tested: 09/29/2025
 09:19

Analyte	Limit (aw)	aw	Status
Water Activity	0.65	0.52	Passed

Foreign Matter

Pass

SOP: SOP 203-NY
 Date/Time Tested: 09/29/2025
 10:54

Analyte	Limit (%)	%	Status
FM Stems	5.00	0	Passed
FM Other	2.00	0	Passed
FM Mammal Excrement		Absent	Passed



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 Plant, Flower - Cured



Terpenes

SOP: SOP 620-NY
Instrument: Agilent GC-FID 1950 - 1950
Date/Time Tested: 09/28/2025 09:50

Pass

Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status	Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status
Total Terpenes		115,000	1.6046	Passed	p-Cymene	82		ND	Tested
b-Caryophyllene	82		0.3786	Tested	Eucalyptol	82		ND	Tested
b-Myrcene	82		0.3227	Tested	g-Terpinene	82		ND	Tested
Limonene	82		0.1688	Tested	Terpinolene	82		ND	Tested
a-Pinene	82		0.1532	Tested	Sabinene Hydrate	82		ND	Tested
a-Bisabolol	82		0.1155	Tested	Fenchone	82		ND	Tested
b-Pinene	82		0.1002	Tested	Isopulegol	82		ND	Tested
Linalool	82		0.0887	Tested	Camphor	82		ND	Tested
a-Humulene	82		0.0877	Tested	Isoborneol	82		ND	Tested
trans-b-Farnesene	82		0.0598	Tested	DL-Menthol	82		ND	Tested
Terpineol	82		0.0376	Tested	Nerol	82		ND	Tested
cis-Nerolidol	82		0.0347	Tested	Pulegone	82		ND	Tested
Fenchol	82		0.0332	Tested	Geraniol	82		ND	Tested
trans-Nerolidol	82		0.0125	Tested	Geranyl Acetate	82		ND	Tested
Borneol	82		0.0115	Tested	a-Cedrene	82		ND	Tested
Camphene	82		< LOQ	Tested	Valencene	82		ND	Tested
Sabinene	82		ND	Tested	Guaiol	82		< LOQ	Tested
a-Phellandrene	82		ND	Tested	Caryophyllene Oxide	82		< LOQ	Tested
d-3-Carene	82		ND	Tested	Cedrol	82		ND	Tested
a-Terpinene	82		ND	Tested	trans-b-Ocimene	82		ND	Tested

Report notes:

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Kimberly Krisolofsky
 Lead Technical Director

* indicates a subcontracted result. † indicates a result not regulated by OCM. ♦ indicates ISO/IEC 17025:2017 accreditation is pending. This sample has been tested by ACT Laboratories using valid, ISO/IEC 17025:2017 accredited testing methodologies and a quality system as required by state law. Values reported relate only to the sample tested. Results are deemed acceptable if they fall within the specified acceptance criteria as defined by the applicable regulatory limit or client specification, with no measurement uncertainty applied. ACT Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of ACT Laboratories. The authenticity of this document is only guaranteed if issued from an @actlab.com email address.

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Mycotoxins

SOP: SOP 808-NY
Instrument: Agilent LCMS 2546 - 2546
Date/Time Tested: 09/27/2025 17:51

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: 09/29/2025 09:38

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.188	2.000	ND	Passed
Arsenic	0.188	0.200	< LOQ	Passed
Cadmium	0.188	0.200	< LOQ	Passed
Chromium	0.188	110.000	< LOQ	Passed
Copper	0.226	30.000	9.836	Passed
Mercury	0.045	0.100	< LOQ	Passed
Nickel	0.226	5.000	< LOQ	Passed
Lead	0.188	0.500	< LOQ	Passed

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Pesticides

SOP: SOP 814-NY

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

Date/Time Tested: 09/27/2025 17:47

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
Metalaxyl	0.09	0.20	ND	Passed
Methiocarb	0.09	0.20	ND	Passed



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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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