



CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing
Report Date: Jan 09, 2026

Overall Result



PASS

NanoCann Independent Research

pg 1 of 6

Munchkins - Flower - Packaged - 28g - Guava Runtz

Flower

SAMPLE INFORMATION

Sample ID: CTNY-251222-003
Sample Name: Munchkins - Flower - Packaged - 28g - Guava Runtz
Matrix: Raw Plant Material - Final Form
Product: Flower
Batch No.: M-F-28G-GR-121525
Test Pkg: 1A4120300000A35000001537
Src Pkg: 1A4120300000A35000000910
Batch Size: 750 Units
Sample Size: 8 Units
Package Size: 28300 mg
Cultivar(s): Guava Runtz
Date Collected: Dec 23, 2025
Time Collected: 11:10:44
Date Received: Dec 23, 2025
Category: Raw Plant Material - Final Form
Compliance Type: Adult Use
Received By: Robert M Konetchy, Jr

MANUFACTURER

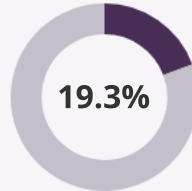
NanoCann Independent Research
License: OCM-PROC-24-000176
Address: 399 Smith St
Farmingdale, NY 11735

CONTACT

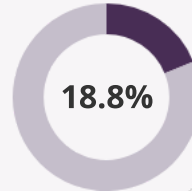
David Sholes
Address: 399 Smith St
Farmingdale, NY 11735

Cannabinoids

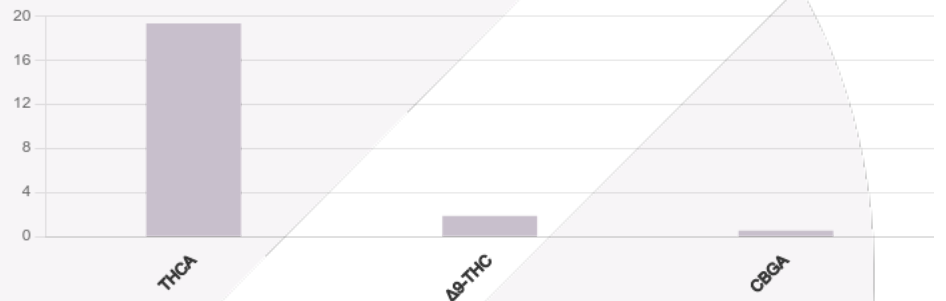
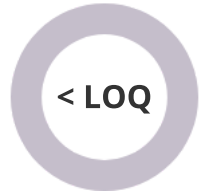
TOTAL CANNABINOIDS



TOTAL THC

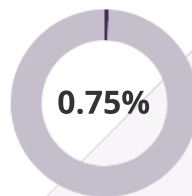


TOTAL CBD



Terpenes

TOTAL TERPENES



TOP 5 TERPENES

Terpene	Percentage	Profile	Icon
β-Caryophyllene	0.24%	Spicy	
d-Limonene	0.14%	Citrus	
Linalool	0.08%	Floral	
α-Humulene	0.07%	Hops	
β-Myrcene	0.06%	Herbal	

PROFILE

Cannabinoids	Foreign Matter	Heavy Metals	Microbials	Moisture Content
TESTED	PASS	PASS	PASS	PASS
Mycotoxins	Pesticides	Terpenes	Water Activity	
PASS	PASS	PASS	PASS	



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Larry Clement
Quality Assurance Officer
Jan 09, 2026



Logan Alvarez
Lead Technical Director
Jan 09, 2026



Munchkins - Flower - Packaged - 28g - Guava Runtz

Cannabinoids

Testing Method: CTND-NY-SOP-P-001, CTND-NY-SOP-P-002: Cannabinoids by HPLC

TESTED

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
9R-Δ ¹⁰ -THC*		0.212	< LOQ	< LOQ	< LOQ	
9S-Δ ¹⁰ -THC*		0.212	< LOQ	< LOQ	< LOQ	
CBC		0.212	< LOQ	< LOQ	< LOQ	
CBD		0.212	< LOQ	< LOQ	< LOQ	
CBDA		0.212	< LOQ	< LOQ	< LOQ	
CBDV		0.212	< LOQ	< LOQ	< LOQ	
CBG		0.212	< LOQ	< LOQ	< LOQ	
Total THC			18.8	188	5320	
Total CBD			< LOQ	< LOQ	< LOQ	

* Beyond scope of accreditation

Prepared By: k4gdmc
Analysis Date: Jan 02, 2026 18:29:00 EST

Analyzed By: k4gdmc
Prep Weight: 0.2115 Grams

Reviewed By: k4gdmc
Lab Batch #: NP250052

Foreign Matter

Testing Method: CTND-NY-SOP-F-001: Foreign Material by Visual Inspection

PASS

Analyte	Limit	Results	Status
Foreign Matter	2 %	ND	Pass
Mammal Excrement*	1 mg/lb	ND	Pass

* Beyond scope of accreditation

Prepared By: dcab3b
Analysis Date: Jan 09, 2026 17:38:00 EST

Analyzed By: dcab3b
Prep Weight: Grams

Reviewed By: dcab3b
Lab Batch #: NF250053

Heavy Metals

Testing Method: CTND-NY-SOP-M-001, CTND-NY-SOP-M-002: Heavy Metals by ICP-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Antimony	2	0.084	2	< LOQ	Pass
Arsenic	2	0.084	0.2	< LOQ	Pass
Cadmium	2	0.084	0.2	0.161	Pass
Chromium	2	0.419	110	< LOQ	Pass

Prepared By: dcab3b
Analysis Date: Jan 06, 2026 11:48:00 EST

Analyzed By: dcab3b
Prep Weight: 0.4768 Grams

Reviewed By: dcab3b
Lab Batch #: NM250092



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Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Aerobic Bacteria	CFU/g 100		CFU/g 26000	N/A	Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo Prepared By: k4gdmc Analysis Date: Dec 31, 2025 13:00:00 EST Reviewed By: k4gdmc Lab Batch #: NB250122-0123 Analyzed By: k4gdmc
Yeast & Mold	CFU/g 100		CFU/g 1500	N/A	Micro: Total Yeast & Mold by Biomerieux Tempo Prepared By: k4gdmc Analysis Date: Jan 02, 2026 13:00:00 EST Reviewed By: k4gdmc Lab Batch #: NB250122-0123 Analyzed By: k4gdmc
Aspergillus flavus	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Micro: Aspergillus by Biomerieux Gene-Up Prepared By: k4gdmc Analysis Date: Jan 02, 2026 19:00:00 EST Reviewed By: k4gdmc Lab Batch #: NB250122-0123 Analyzed By: k4gdmc
Aspergillus fumigatus	1.00	Absent in any amt	Absent	Pass	
Aspergillus niger	1.00	Absent in any amt	Absent	Pass	
Aspergillus terreus	1.00	Absent in any amt	Absent	Pass	
Salmonella spp.	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Micro: Salmonella by Biomerieux Gene-Up Prepared By: k4gdmc Analysis Date: Jan 02, 2026 19:00:00 EST Reviewed By: k4gdmc Lab Batch #: NB250122-0123 Analyzed By: k4gdmc
Shiga toxin-producing E. coli	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up Prepared By: k4gdmc Analysis Date: Jan 02, 2026 19:00:00 EST Reviewed By: k4gdmc Lab Batch #: NB250122-0123 Analyzed By: k4gdmc

Moisture Content

Testing Method: CTND-NY-SOP-S-001: Moisture Content

PASS

Analyte	Limit	Results	Status
Moisture	15 %	11.5 %	Pass
Prepared By: dcab3b Analysis Date: Jan 05, 2026 10:25:00 EST	Analyzed By: dcab3b Prep Weight: 0.9676 Grams	Reviewed By: dcab3b Lab Batch #: NS250110	

Mycotoxins

Testing Method: CTND-NY-SOP-PM-001, CTND-NY-SOP-PM-002: Mycotoxins by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
Aflatoxin B1	1:n	µg/g 0.00986	µg/g	< LOQ	N/A	Aflatoxin G2	1:n	µg/g 0.00986	µg/g	< LOQ	N/A
Aflatoxin B2	1	0.00986		< LOQ	N/A	Ochratoxin A	1	0.00986	0.02	< LOQ	Pass
Aflatoxin G1	1	0.00986		< LOQ	N/A	Aflatoxins			0.02	< LOQ	Pass
Prepared By: k4gdmc Analysis Date: Jan 05, 2026 17:00:00 EST	Analyzed By: k4gdmc Prep Weight: 1.0139 Grams	Reviewed By: k4gdmc Lab Batch #: NPM250094									

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Munchkins - Flower - Packaged - 28g - Guava Runtz

Pesticides

Testing Method: CTND-NY-SOP-PM-002: Pesticides by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm			1:n	ppm	ppm	ppm	
Abamectin	1	0.0986	0.5	< LOQ	Pass	Kresoxim-methyl	1	0.0986	0.4	< LOQ	Pass
Acephate	1	0.0986	0.4	< LOQ	Pass	Malathion	1	0.0986	0.2	< LOQ	Pass
Acequinocyl	1	0.0986	2	< LOQ	Pass	Metaxyl	1	0.0986	0.2	< LOQ	Pass
Acetamiprid	1	0.0986	0.2	< LOQ	Pass	Methiocarb	1	0.0986	0.2	< LOQ	Pass
Aldicarb	1	0.0986	0.4	< LOQ	Pass	Methomyl	1	0.0986	0.4	< LOQ	Pass
Azadirachtin	1	0.0986	1	< LOQ	Pass	Methyl parathion	1	0.0986	0.2	< LOQ	Pass
Azoxystrobin	1	0.0986	0.2	< LOQ	Pass	Mevinphos	1	0.0986	1	< LOQ	Pass
Bifenazate	1	0.0986	0.2	< LOQ	Pass	MGK-264			0.2	< LOQ	Pass
Bifenthrin	1	0.0986	0.2	< LOQ	Pass	MGK-264 I*	1	0.0324		< LOQ	N/A
Boscalid	1	0.0986	0.4	< LOQ	Pass	MGK-264 II*	1	0.0637		< LOQ	N/A
Captan	1	0.493	1	< LOQ	Pass	Myclobutanil	1	0.0986	0.2	< LOQ	Pass
Carbaryl	1	0.0986	0.2	< LOQ	Pass	Naled	1	0.0986	0.5	< LOQ	Pass
Carbofuran	1	0.0986	0.2	< LOQ	Pass	Oxamyl	1	0.0986	1	< LOQ	Pass
Chlorantranil- iprole	1	0.0986	0.2	< LOQ	Pass	Paclobutrazol	1	0.0986	0.4	< LOQ	Pass
Chlordane	1	0.395	1	< LOQ	Pass	Pentachloroni- trobenzene	1	0.0986	1	< LOQ	Pass
Chlorfenapyr	1	0.0986	1	< LOQ	Pass	Permethrin			0.2	< LOQ	Pass
Chlormequat chloride	1	0.0986	1	< LOQ	Pass	Permethrin cis*	1	0.0454		< LOQ	N/A
Chlorpyrifos	1	0.0986	0.2	< LOQ	Pass	Permethrin trans*	1	0.0533		< LOQ	N/A
Clofentezine	1	0.0986	0.2	< LOQ	Pass	Phosmet	1	0.0986	0.2	< LOQ	Pass
Coumaphos	1	0.0986	1	< LOQ	Pass	Piperonylbuto- xide	1	0.0986	2	< LOQ	Pass
Cyfluthrin	1	0.0986	1	< LOQ	Pass	Prallethrin	1	0.0986	0.2	< LOQ	Pass
Cypermethrin	1	0.0986	1	< LOQ	Pass	Propiconazole	1	0.0986	0.4	< LOQ	Pass
Daminozide	1	0.0986	1	< LOQ	Pass	Propoxur	1	0.0986	0.2	< LOQ	Pass
Diazinon	1	0.0986	0.2	< LOQ	Pass	Pyrethrins			1	< LOQ	Pass
Dichlorvos	1	0.0986	1	< LOQ	Pass	Pyrethrins Cinerin I*	1	0.00533		< LOQ	N/A
Dimethoate	1	0.0986	0.2	< LOQ	Pass	Pyrethrins Jasmolin I*	1	0.00373		< LOQ	N/A
Dimethomorph	1	0.0986	1	< LOQ	Pass	Pyrethrins Pyrethrin I*	1	0.0525		< LOQ	N/A
Ethoprophos	1	0.0986	0.2	< LOQ	Pass	Pyridaben	1	0.0986	0.2	< LOQ	Pass
Etofenprox	1	0.0986	0.4	< LOQ	Pass	Spinetoram	1	0.0986	1	< LOQ	Pass
Etoxazole	1	0.0986	0.2	< LOQ	Pass	Spinosad*			0.2	< LOQ	Pass
Fenhexamid	1	0.0986	1	< LOQ	Pass	Spinosad A*	1	0.0795		< LOQ	N/A
Fenoxycarb	1	0.0986	0.2	< LOQ	Pass	Spinosad D*	1	0.0172		< LOQ	N/A
Fenpyroximate	1	0.0986	0.4	< LOQ	Pass	Spiromesifen	1	0.0986	0.2	< LOQ	Pass
Fipronil	1	0.0986	0.4	< LOQ	Pass	Spirotetramat	1	0.0986	0.2	< LOQ	Pass
Flonicamid	1	0.0986	1	< LOQ	Pass	Spiroxamine	1	0.0986	0.2	< LOQ	Pass
Fludioxonil	1	0.0986	0.4	< LOQ	Pass	Tebuconazole	1	0.0986	0.4	< LOQ	Pass
Hexythiazox	1	0.0986	1	< LOQ	Pass	Thiacloprid	1	0.0986	0.2	< LOQ	Pass
Imazalil	1	0.0986	0.2	< LOQ	Pass	Thiamethoxam	1	0.0986	0.2	< LOQ	Pass
Imidacloprid	1	0.0986	0.4	< LOQ	Pass	Trifloxystrob- in	1	0.0986	0.2	< LOQ	Pass
Indole-3-butyric acid	1	0.0986	1	< LOQ	Pass						

* Beyond scope of accreditation

Prepared By: k4gdmc
Analysis Date: Jan 05, 2026 17:00:00 EST

Analyzed By: k4gdmc
Prep Weight: 1.0139 Grams

Reviewed By: k4gdmc
Lab Batch #: NPM250094



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Quality Assurance Officer
Jan 09, 2026



Logan Alvarez
Lead Technical Director
Jan 09, 2026



Munchkins - Flower - Packaged - 28g - Guava Runtz

Terpenes

Testing Method: CTND-NY-SOP-T-001, CTND-NY-SOP-T-002: Terpenes by GC-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%	%	%	mg/g
α-Bisabolol*	1	0.0203	< LOQ	< LOQ	
α-Humulene	1	0.0203	0.0656	0.6560	
α-Phellandrene	1	0.0203	< LOQ	< LOQ	
α-Pinene	1	0.0203	0.0216	0.2160	
α-Terpinene	1	0.0203	< LOQ	< LOQ	
β-Caryophyllene*	1	0.0203	0.2367	2.3670	
β-Myrcene	1	0.0203	0.0641	0.6410	
β-Pinene*	1	0.0203	0.0334	0.3340	
Camphene	1	0.0203	< LOQ	< LOQ	
Caryophyllene Oxide*	1	0.0203	< LOQ	< LOQ	
cis-β-Ocimene*	1	0.0057	< LOQ	< LOQ	
d-Limonene*	1	0.0203	0.1403	1.4030	
Δ ³ -Carene	1	0.0203	< LOQ	< LOQ	
Eucalyptol*	1	0.0203	< LOQ	< LOQ	
Total Terpenes*			11.5	0.7465	7.4650

* Beyond scope of accreditation

Prepared By: dcab3b
Analysis Date: Jan 05, 2026 14:55:00 EST

Analyzed By: dcab3b
Prep Weight: 0.0987 Grams

Reviewed By: dcab3b
Lab Batch #: NT250115

Water Activity

Testing Method: CTND-NY-SOP-W-001: Water Activity

PASS

Analyte	Limit	Results	Status
Water Activity	0.65 Aw	0.47 Aw	Pass

Prepared By: dcab3b
Analysis Date: Jan 09, 2026 09:38:00 EST

Analyzed By: dcab3b
Prep Weight: Grams

Reviewed By: dcab3b
Lab Batch #: NW260002

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Munchkins - Flower - Packaged - 28g - Guava Runtz

Accreditations



ilac-MRA



**PJLA
Testing
Accreditation #116070**

ISO/IEC 17025

ilac-MRA, PJLA Accredited

CTND-NY-SOP-PM-002: Pesticides by LC-MS/MS

Abamectin, Acephate, Acequinocyl, Acetamiprid, Aldicarb, Azadirachtin, Azoxystrobin, Bifenazate, Bifenthrin, Boscalid, Captan, Carbaryl, Carbofuran, Chlorantraniliprole, Chlordane, Chlorfenapyr, Chlormequat chloride, Chlorpyrifos, Clofentezine, Coumaphos, Cyfluthrin, Cypermethrin, Daminozide, Diazinon, Dichlorvos, Dimethoate, Dimethomorph, Ethoprophos, Etofenprox, Etoxazole, Fenhexamid, Fenoxycarb, Fenpyroximate, Fipronil, Fonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Indole-3-butyric acid, Kresoxim-methyl, MGK-264, Malathion, Metalaxyl, Methiocarb, Methomyl, Methyl parathion, Mevinphos, Myclobutanil, Naled, Oxamyl, Paclobutrazol, Pentachloronitrobenzene, Permethrin, Phosmet, Piperonylbutoxide, Prallethrin, Propiconazole, Propoxur, Pyrethrins, Pyridaben, Spinetoram, Spinosyn A, Spinosyn D, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Thiacloprid, Thiamethoxam, Trifloxystrobin

CTND-NY-SOP-T-001, CTND-NY-SOP-T-002: Terpenes by GC-MS

(-)-Caryophyllene oxide, (-)-Guaiool, (-)-Isopulegol, (-)-alpha-Bisabolol, (-)-beta-Pinene, (R)-(+)-Limonene, 1,8-Cineole, Camphene, Delta-3-Carene, Farnesene, Fenchol, Geraniol, Linalool, Ocimene, Terpineol, Valencene, alpha-Humulene, alpha-Phellandrene, alpha-Pinene, alpha-Terpinene, beta-Myrcene, p-Isopropyltoluene, trans-Caryophyllene, trans-Nerolidol

CTND-NY-SOP-P-001, CTND-NY-SOP-P-002: Cannabinoids by HPLC

CBC, CBD, CBDA, CBDV, CBG, CBN, Delta-10-THC, Delta-8-THC, Delta-9-THC, Delta-9-THCA, THCV, Total CBD, Total THC

CTND-NY-SOP-PM-001, CTND-NY-SOP-PM-002: Mycotoxins by LC-MS/MS

Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Aflatoxins, Ochratoxin A, Total Aflatoxins

Micro: Aspergillus by Biomerieux Gene-Up

Aspergillus flavus, Aspergillus fumigatus, Aspergillus niger, Aspergillus terreus

CTND-NY-SOP-M-001, CTND-NY-SOP-M-002: Heavy Metals by ICP-MS

Antimony, Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel

Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up

Shiga toxin-producing E. coli

CTND-NY-SOP-F-001: Foreign Material by Visual Inspection

Filth, Foreign Matter

Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo

Aerobic Bacteria

Micro: Salmonella by Biomerieux Gene-Up

Salmonella spp.

CTND-NY-SOP-W-001: Water Activity

Water Activity

Micro: Total Yeast & Mold by Biomerieux Tempo

Yeast & Mold

CTND-NY-SOP-S-001: Moisture Content

Moisture

Regulatory Compliance Testing



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