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Green Analytics NY, LLC
401 North Middletown Road, Building 60B
Pearl River, NY 10965
www.greenanalyticsllc.com
License #s: OCM-CPL-00013
ISO 17025 Certificate No.: 4356.09

Certificate of Analysis
Full Compliance Test

Sample Result: PASS

Date Reported:	11/7/2026	**Sample ID:**	20261103-NERD-002
Client Name:	SBCTC Production LLC dba. Nerd Bar	**Sample Name:**	NB-LR-4G-Hybrid - Purple Runtz
Sampling Location:	Stillwater, New York	**Sample Matrix:**	Concentrate
License Number:	OCM-PROC-24-000058	**Sample Sub Type:**	Vape Cartridge
Phone:	5185882825	**Batch Lot ID:**	D-2026-044 D2J3, D-2026-047 D1 J4, D-2026-048 D1 J2
Medical/Adult Use:	Adult Use	**Batch Size:**	1000
Sampling Date:	11/03/2026 12:10:00 PM	**Serving Size (g):**	4
METRC Test Tag ID:	1A4120300001CAB000000736	**METRC Source ID:**	1A4120300001CAB000000731

Potency	T	**Pesticides**	P	**Heavy Metals**	P	**Mycotoxins**	P
Water Activity	NT	**Microbiological**	P	**Residual Solvents**	P	**Terpenes**	P
		Moisture	NT	**Filth & Foreign Material**	NT		

"NT" = Not Tested; "T" = Tested; "P" = Pass; "F" = Fail

Cannabinoids: NB-LR-4G-Hybrid - Purple Runtz (20261103-NERD-002)

Potency analysis utilizing HPLC (SOP-025-NY, SOP-073-NY)

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.085
CBDA	< MRL	< MRL	0.085
CBGA	< MRL	< MRL	0.085
CBG	3.762	150.488	0.085
CBD	0.526	21.020	0.085
THCV	0.842	33.685	0.085
CBN	0.303	12.126	0.085
D9-THC	84.279	3371.157	0.085
D8-THC	< MRL	< MRL	0.085
D10-THC-S	< MRL	< MRL	0.085
D10-THC-R	< MRL	< MRL	0.085
CBC	0.988	39.500	0.085
THCA	< MRL	< MRL	0.085

MRL = Minimum reporting limit/limit of quantification
mg/serving = % w/w x10 x serving size weight (g)

Test ID: #357222 | Date Tested: 11/06/2026 10:13 AM

Potency Summary	% w/w	mg/serving
Total THC [Δ8-THC + Δ9-THC + Δ10-THC + (THCA * 0.877))]	84.279	3371.157
Total CBD [CBD + (CBDA * 0.877)]	0.526	21.020
Total Cannabinoids	90.699	3627.976

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. Serving size affects reported data where noted. Action limits are set according to the New York State Office of Cannabis Management Testing Limits.
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Laboratory determined measurement uncertainty is available by request.

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Terpenes: NB-LR-4G-Hybrid - Purple Runtz (20261103-NERD-002) PASS

Terpenes analysis utilizing GC-MS (SOP-063-NY, SOP-069-NY)

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	0.13	0.13
Camphene	< MRL	0.13
Sabinene	< MRL	0.13
beta-Pinene	< MRL	0.13
beta-Myrcene	0.15	0.13
Alpha-phellandrene	< MRL	0.13
Carene	< MRL	0.13
alpha-terpinene	< MRL	0.13
p-Cymene	< MRL	0.13
Limonene	0.65	0.13
Eucalyptol	< MRL	0.13
Ocimene	< MRL	0.09
gamma-Terpinene	< MRL	0.13
Sabinene Hydrate	< MRL	0.13
Terpinolene	< MRL	0.13
Linalool	0.40	0.13
Fenchol	< MRL	0.13
Menthol	< MRL	0.13
Terpineol	0.19	0.13
Citronellol	< MRL	0.13
Isopulegol	< MRL	0.13
Geraniol	< MRL	0.13
Alpha-cedrene	< MRL	0.10
Beta-Caryophyllene	0.91	0.13
Farnesene	< MRL	0.13
alpha-Humulene	0.34	0.13
Valencene	< MRL	0.13
cis-Nerolidol	< MRL	0.05
trans-Nerolidol	< MRL	0.08
Caryophyllene oxide	< MRL	0.13
Guaiol	< MRL	0.13
alpha-Bisabolol	0.21	0.13

MRL = Minimum reporting limit/limit of quantification

Test ID: #357226 | Date Tested: 11/05/2026 09:11 AM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	2.99	10	PASS

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. Serving size affects reported data where noted. Action limits are set according to the New York State Office of Cannabis Management Testing Limits.
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Residual Solvents: NB-LR-4G-Hybrid - Purple Runtz (20261103-NERD-002) PASS

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (SOP-067-NY, SOP-010-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
1,2-Dichloroethane	PASS	< MRL	5.00	2.50
2-Propanol	PASS	< MRL	5000	2500
Acetone	PASS	< MRL	5000	2500
Acetonitrile	PASS	< MRL	410	205
Butanes, total	PASS	< MRL	5000	2500
Benzene	PASS	< MRL	2.00	1.00
Chloroform	PASS	< MRL	60.0	30.0
Dichloromethane	PASS	< MRL	600	300
Dimethyl Sulfoxide	PASS	< MRL	5000	2500
Ethanol	PASS	< MRL	5000	2500
Ethyl acetate	PASS	< MRL	5000	2500
Ethyl ether	PASS	< MRL	5000	2500
n-Heptane	PASS	< MRL	5000	2500
Hexanes, total	PASS	< MRL	290	145
Methanol	PASS	< MRL	3000	1500
Pentanes, total	PASS	< MRL	5000	2500
Propane	PASS	< MRL	5000	2500
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	500
Toluene	PASS	< MRL	890	445
Trichloroethane	PASS	< MRL	1500	750
Xylenes, total	PASS	< MRL	2170	1085

MRL = Minimum reporting limit/limit of quantification

Test ID: #357225 | Date Tested: 11/05/2026 03:45 PM

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. Serving size affects reported data where noted. Action limits are set according to the New York State Office of Cannabis Management Testing Limits.
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Pesticides: NB-LR-4G-Hybrid - Purple Runtz (20261103-NERD-002) PASS

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Abamectin	PASS	< MRL	0.500	0.100
Acephate	PASS	< MRL	0.400	0.100
Acequinocyl	PASS	< MRL	2.00	0.100
Acetamiprid	PASS	< MRL	0.200	0.100
Aldicarb	PASS	< MRL	0.400	0.100
Azadirachtin	PASS	< MRL	1.00	0.250
Azoxystrobin	PASS	< MRL	0.200	0.100
Bifenazate	PASS	< MRL	0.200	0.100
Bifenthrin	PASS	< MRL	0.200	0.100
Boscalid	PASS	< MRL	0.400	0.100
Captan	PASS	< MRL	1.00	0.500
Carbaryl	PASS	< MRL	0.200	0.100
Carbofuran	PASS	< MRL	0.200	0.100
Chlorantranilprole	PASS	< MRL	0.200	0.100
Chlordane	PASS	< MRL	1.00	0.100
Chlorfenapyr	PASS	< MRL	1.00	0.100
Chlormequat chloride	PASS	< MRL	1.00	0.100
Chlorpyrifos	PASS	< MRL	0.200	0.100
Clofentezine	PASS	< MRL	0.200	0.100
Coumaphos	PASS	< MRL	1.00	0.100
Cyfluthrin	PASS	< MRL	1.00	0.100
Cypermethrin	PASS	< MRL	1.00	0.100
Daminozide	PASS	< MRL	1.00	0.100
Diazinon	PASS	< MRL	0.200	0.100
Dichlorvos	PASS	< MRL	1.00	0.100
Dimethoate	PASS	< MRL	0.200	0.100
Dimethomorph	PASS	< MRL	1.00	0.100
Ethoprophos	PASS	< MRL	0.200	0.100
Etofenprox	PASS	< MRL	0.400	0.100
Etoxazole	PASS	< MRL	0.200	0.100
Fenhexamid	PASS	< MRL	1.00	0.100
Fenoxycarb	PASS	< MRL	0.200	0.100
Fenpyroximate	PASS	< MRL	0.400	0.100
Fipronil	PASS	< MRL	0.400	0.100
Flonicamid	PASS	< MRL	1.00	0.100
Fludioxonil	PASS	< MRL	0.400	0.100
Hexythiazox	PASS	< MRL	1.00	0.100
Imazalil	PASS	< MRL	0.200	0.100
Imidacloprid	PASS	< MRL	0.400	0.100
Indole-3-butyric acid	PASS	< MRL	1.00	0.250
Kresoxim-methyl	PASS	< MRL	0.400	0.100
Malathion	PASS	< MRL	0.200	0.100
Metalaxyl	PASS	< MRL	0.200	0.100
Methiocarb	PASS	< MRL	0.200	0.100
Methomyl	PASS	< MRL	0.400	0.100
Methyl Parathion	PASS	< MRL	0.200	0.100
Mevinphos	PASS	< MRL	1.00	0.100
MGK-264 I/II	PASS	< MRL	0.200	0.100
Myclobutanil	PASS	< MRL	0.200	0.100
Naled	PASS	< MRL	0.500	0.100
Oxamyl	PASS	< MRL	1.00	0.100
Paclobutrazol	PASS	< MRL	0.400	0.100
Pentachloronitrobenzene	PASS	< MRL	1.00	0.100
Permethrins, total	PASS	< MRL	0.200	0.100
Phosmet	PASS	< MRL	0.200	0.100
Piperonyl butoxide	PASS	< MRL	2.00	0.100
Prallethrin	PASS	< MRL	0.200	0.100
Propiconazole	PASS	< MRL	0.400	0.100
Propoxur	PASS	< MRL	0.200	0.100
Pyrethrins	PASS	< MRL	1.00	0.100
Pyridaben	PASS	< MRL	0.200	0.100
Spinetoram, Total	PASS	< MRL	1.00	0.100
Spinosad, Total	PASS	< MRL	0.200	0.100
Spiromesifen	PASS	< MRL	0.200	0.100
Spirotetramat	PASS	< MRL	0.200	0.100
Spiroxamine	PASS	< MRL	0.200	0.100
Tebuconazole	PASS	< MRL	0.400	0.100
Thiacloprid	PASS	< MRL	0.200	0.100
Thiamethoxam	PASS	< MRL	0.200	0.100
Trifloxystrobin	PASS	< MRL	0.200	0.100

MRL = Minimum reporting limit/limit of quantification

Test ID: #357220 | Date Tested: 11/06/2026 09:41 AM

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Mycotoxins: NB-LR-4G-Hybrid - Purple Runtz (20261103-NERD-002) PASS

Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Ochratoxin	PASS	< MRL	0.020	0.010
Total Aflatoxins	PASS	< MRL	0.020	0.010

MRL = Minimum reporting limit/limit of quantification

Test ID: #357221 | Date Tested: 11/06/2026 09:43 AM

Heavy Metals: NB-LR-4G-Hybrid - Purple Runtz (20261103-NERD-002) PASS

Heavy Metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (SOP-061-NY, SOP-072-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Chromium	PASS	< MRL	110	8.00
Nickel	PASS	< MRL	2.00	1.00
Copper	PASS	< MRL	30.0	8.00
Arsenic	PASS	< MRL	0.200	0.10
Cadmium	PASS	< MRL	0.200	0.10
Antimony	PASS	< MRL	2.00	1.00
Mercury	PASS	< MRL	0.100	0.05
Lead	PASS	< MRL	0.500	0.20

MRL = Minimum reporting limit/limit of quantification

Test ID: #357219 | Date Tested: 11/06/2026 08:15 AM

Microbiology: NB-LR-4G-Hybrid - Purple Runtz (20261103-NERD-002) PASS

Microbial analysis utilizing TEMPO microbial enumeration (SOP-719-NY)

Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Total Aerobic Bacteria	PASS	< MRL	10000	10
Total Yeast & Mold	PASS	< MRL	1000	10

Microbiology - qPCR:

Microbial analysis utilizing quantitative Polymerase Chain Reaction (SOP-734-NY)

Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Salmonella spp	PASS	Absent	Absent	1
Shiga toxin-producing E. coli	PASS	Absent	Absent	1
Aspergillus (fumigatus, flavus, niger, terreus)	PASS	Absent	Absent	1

MRL = Minimum reporting limit/limit of quantification

Test IDs: #357227, #357230, #357229, #357228 | Date Tested: 11/06/2026 06:50 PM, 11/05/2026 01:17 PM, 11/05/2026 06:47 PM

Matthew Elmes
Lab Director
11/7/2026

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