

N21-PAFR

METRC Batch:
METRC Sample:
Sample ID: 2306ENC6639_8824
Strain: N21-PAFR
Matrix: Ingestible
Type: Soft Chew
Batch#:

Collected: 06/15/2023
Received: 06/15/2023
Completed: 06/19/2023
Sample Size: 10 units;

Distributor
Sunderstorm

Lic. # C11-0001458-LIC
5505 Riverton Ave,
North Hollywood, CA, 91601



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	06/15/2023	LC-DAD	Complete
Water Activity	06/15/2023	Water Activity Meter	0.7713 aw - Pass
Pesticides	06/15/2023	LC-MS	Pass
Mycotoxins	06/15/2023	LC-MS	Pass
Residual Solvents	06/15/2023	HS-GC-MS	Pass
Microbial Impurities	06/16/2023	qPCR	Pass
Heavy Metals	06/16/2023	ICP-MS	Pass
Foreign Matter	06/15/2023	Visual Inspection	Pass

Cannabinoids

Method: SOP EL-CANNABINOIDS

10.19 mg/unit

Total THC

0.69 mg/unit

Total CBD

11.29 mg/unit

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.013	0.038	ND	ND	ND
Δ9-THC	0.013	0.041	0.256	2.56	10.19
Δ8-THC	0.015	0.045	ND	ND	ND
THCVa	0.014	0.044	ND	ND	ND
THCV	0.015	0.045	ND	ND	ND
CBDa	0.013	0.040	ND	ND	ND
CBD	0.013	0.038	0.017	0.17	0.69
CBN	0.012	0.036	0.010	0.10	0.41
CBGa	0.014	0.043	ND	ND	ND
CBG	0.013	0.040	ND	ND	ND
CBCa	0.012	0.035	ND	ND	ND
CBC	0.014	0.041	ND	ND	ND
Total THC			0.256	2.56	10.188
Total CBD			0.017	0.17	0.689
Total Cannabinoids			0.284	2.84	11.290
Sum of Cannabinoids			0.284	2.84	11.290

1 Unit = 3.98g;

Total THC = THCa * 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms * 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



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Laboratory Director | 06/19/2023



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Pesticides

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status	Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.005	0.02	0.30	ND	Pass	Fludioxonil	0.01	0.05	30.00	ND	Pass
Acephate	0.002	0.01	5.00	ND	Pass	Hexythiazox	0.005	0.02	2.00	ND	Pass
Acequinocyl	0.01	0.02	4.00	ND	Pass	Imazalil	0.05	0.1	0.05	ND	Pass
Acetamiprid	0.005	0.02	5.00	ND	Pass	Imidacloprid	0.005	0.02	3.00	ND	Pass
Aldicarb	0.05	0.1	0.05	ND	Pass	Kresoxim Methyl	0.005	0.02	1.00	ND	Pass
Azoxystrobin	0.005	0.02	40.00	ND	Pass	Malathion	0.02	0.05	5.00	ND	Pass
Bifenazate	0.005	0.01	5.00	ND	Pass	Metalaxyl	0.002	0.005	15.00	ND	Pass
Bifenthrin	0.02	0.05	0.50	ND	Pass	Methiocarb	0.05	0.1	0.05	ND	Pass
Boscalid	0.02	0.05	10.00	ND	Pass	Methomyl	0.01	0.02	0.10	ND	Pass
Captan	0.2	0.3	5.00	ND	Pass	Parathion Methyl	0.02	0.05	0.02	ND	Pass
Carbaryl	0.02	0.05	0.50	ND	Pass	Mevinphos	0.02	0.05	0.02	ND	Pass
Carbofuran	0.05	0.1	0.05	ND	Pass	Myclobutanil	0.005	0.01	9.00	ND	Pass
Chlorantraniliprole	0.002	0.01	40.00	ND	Pass	Naled	0.01	0.02	0.50	ND	Pass
Chlordane	0.05	0.1	0.05	ND	Pass	Oxamyl	0.005	0.01	0.20	ND	Pass
Chlorfenapyr	0.05	0.1	0.05	ND	Pass	Paclobutrazol	0.05	0.1	0.05	ND	Pass
Chlorpyrifos	0.05	0.1	0.05	ND	Pass	PCNB	0.02	0.05	0.20	ND	Pass
Clofentezine	0.01	0.02	0.50	ND	Pass	Permethrin	0.02	0.05	20.00	ND	Pass
Coumaphos	0.02	0.05	0.02	ND	Pass	Phosmet	0.01	0.02	0.20	ND	Pass
Cyfluthrin	0.05	0.1	1.00	ND	Pass	Piperonyl Butoxide	0.02	0.05	8.00	ND	Pass
Cypermethrin	0.1	0.2	1.00	ND	Pass	Prallethrin	0.005	0.02	0.40	ND	Pass
Daminozide	0.02	0.05	0.02	ND	Pass	Propiconazole	0.005	0.01	0.10	ND	Pass
Diazinon	0.002	0.01	0.20	ND	Pass	Propoxure	0.05	0.1	0.05	ND	Pass
Dichlorvos	0.02	0.05	0.02	ND	Pass	Pyrethrins	0.02	0.05	1.00	ND	Pass
Dimethoate	0.02	0.05	0.02	ND	Pass	Pyridaben	0.005	0.01	3.00	ND	Pass
Dimethomorph	0.005	0.02	20.00	ND	Pass	Spinetoram	0.005	0.01	3.00	ND	Pass
Ethoprophos	0.05	0.1	0.05	ND	Pass	Spinosad	0.005	0.01	3.00	ND	Pass
Etofenprox	0.05	0.1	0.05	ND	Pass	Spiromesifen	0.01	0.02	12.00	ND	Pass
Etoazole	0.005	0.02	1.50	ND	Pass	Spirotetramat	0.005	0.01	13.00	ND	Pass
Fenhexamid	0.005	0.02	10.00	ND	Pass	Spiroxamine	0.05	0.1	0.05	ND	Pass
Fenoxycarb	0.05	0.1	0.05	ND	Pass	Tebuconazole	0.005	0.01	2.00	ND	Pass
Fenpyroximate	0.005	0.02	2.00	ND	Pass	Thiacloprid	0.02	0.05	0.02	ND	Pass
Fipronil	0.05	0.1	0.05	ND	Pass	Thiamethoxam	0.005	0.01	4.50	ND	Pass
Flonicamid	0.01	0.02	2.00	ND	Pass	Trifloxystrobin	0.005	0.01	30.00	ND	Pass

Date Tested: 06/15/2023

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Mycotoxins

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.00	2.00		ND	Tested
Aflatoxin B2	1.00	2.00		ND	Tested
Aflatoxin G1	2.00	4.00		ND	Tested
Aflatoxin G2	1.00	2.00		ND	Tested
Ochratoxin A	4.00	10.00	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

Date Tested: 06/15/2023

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Residual Solvents

Method: EL-RES_SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	33.00	100.00	5000	ND	Pass
Acetonitrile	10.00	30.00	410	ND	Pass
Benzene	0.09	0.28	1	ND	Pass
Butane	10.00	30.00	5000	ND	Pass
Chloroform	0.10	0.29	1	ND	Pass
Ethanol	10.00	30.00	5000	ND	Pass
Ethyl-Acetate	10.00	30.00	5000	ND	Pass
Ethyl-Ether	10.00	30.00	5000	ND	Pass
Ethylene Oxide	0.08	0.24	1	ND	Pass
Heptane	10.00	30.00	5000	ND	Pass
n-Hexane	10.00	30.00	290	ND	Pass
Isopropanol	10.00	30.00	5000	ND	Pass
Methanol	10.00	30.00	3000	ND	Pass
Methylene-Chloride	0.10	0.31	1	ND	Pass
1,2-Dichloro-Ethane	0.10	0.29	1	ND	Pass
Pentane	10.00	30.00	5000	ND	Pass
Propane	10.00	30.00	5000	ND	Pass
Toluene	10.00	30.00	890	ND	Pass
Xylenes	20.00	60.00	2170	ND	Pass
Trichloroethene	0.10	0.29	1	ND	Pass

Date Tested: 06/15/2023

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Microbial Impurities

Method: SOP EL-MICROBIALS

Analytes	Result	Status
Shiga toxin-producing Escherichia coli	Not Detected in 1g	Pass
Salmonella spp	Not Detected in 1g	Pass

Date Tested: 06/16/2023



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Heavy Metals

Method: SOP EL-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.012	0.036	1.500	<LOQ	Pass
Cadmium	0.015	0.044	0.500	ND	Pass
Lead	0.055	0.167	0.500	ND	Pass
Mercury	0.005	0.015	3.000	ND	Pass

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