# nugrun.

Batch Name:	N078LO
Strain:	Grateful Breath
Extraction Method:	Butane
Manufacture Date:	6/29/25
Tested At:	Apollo Labs
Infused or prepared for sale by:	Ponderosa Botanical Care Inc. #00000109ESVM44878444
Starting Input:	
Туре:	Flower
Strains:	Grateful Breath
Batch Names:	206GFB051925
Harvest Date:	5/19/25
Cultivated by:	Ponderosa Botanical Care Inc. (Sonoran Roots) #00000109ESVM44878444

# Arizona Department of Health Services' Warning:

Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machinery. Marijuana smoke contains carcinogens and can lead to an increased risk of cancer, tachycardia, hypertension, heart attack, and lung infection.

Marijuana use may affect the heath of a pregnant woman and the unborn child.

KEEP OUT OF REACH OF CHILDREN.

Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

# nugrun.

## Distribution Chain:

Distribution Shain.	
Medmar Tanque Verde LLC	Juicy Joint I LLC
#00000081DCPK00962019	#0000147ESTXX54706468
#0000039ESEZ33667642	
Cactus Bloom Facilities Managment	MCCSE29, LLC
#00000144ESQK21738687	#0000149ESTUL49249395
480 License Holdings, LLC	MMJ Apothercary
#0000154ESTQI31348041	#0000062DCAY00861940
	#00000100ESEC12878172
ABACA Ponderosa, LLC	Ocotillo Vista, Inc.
#0000075DCPP00704676	#0000109DCIT00443532
#00000116ESSM79524188	
Arizona Cannabis Society Inc	Pleasant Plants I LLC
#0000090DCYT00194857	#0000159ESTFT57497963
#00000042ESJB38310180	
Arizona Golden Leaf Wellness, LLC	Ponderosa Botanical Care Inc
#0000067ESBS89254298	#0000109ESVM44878444
#00000077DCPS00216601	#0000066DCBO00410690
Arizona Natural Pain Solutions I	RCH Wellness
#0000096ESWI60030184	#0000080ESNP00364439
Arizona Organix	RJK Ventures, Inc.
#0000095ESIP13817359	#00000035ESBO39198288
Border Health, Inc	Sea of Green LLC
#00000022ESMC44584355	#00000113DCUX00454549
	#00000057ESJG92466754
Cannabis Research Group Inc	Sixth Street Enterprises Inc
#00000104ESDH57805022	#0000090ESFB63917979
Curious Cultivators 1 LLC	Sixth Street Enterprises Inc
#0000155ESTWD37312465	#00000092ESKW00353670
H4L Ponderosa, LLC	Soothing Ponderosa, LLC
#00000118ESDH66162163	#00000117ESPN93487198
#00000093DCBC00293679	#0000094DCTJ00667966
High Mountain Health, LLC	Total Health & Wellness Inc
#00000087ESWR93327597	#00000021ESQX24132908
#0000050DCBO00239922	
Higher than High I LLC	Total Health & Wellness Inc
#0000151ESTVN87881223	#00000036DCOP00819772
Joint Junkies I LLC	Total Health & Wellness Inc
#0000158ESTLH17620655	#0000159ESTFT57497963

## **Grateful Breath Live Resin N078LO**

Sample ID: 2507APO3113.15838 Strain: Grateful Breath

Matrix: Concentrates & Extracts Type: Live Resin Source Batch #:

Collected: 07/17/2025 09:58 am Received: 07/17/2025 Completed: 07/22/2025 Batch #: N078LO Harvest Date: 05/19/2025

Client

nugrun.

Lic. # 00000109ESVM44878444

Production/Manufacture Date: 06/29/2025 Production/Manufacture Method: Butane



#### Summary Test Date Tested Result Batch **Pass** Cannabinoids 07/16/2025 Complete Terpenes 07/17/2025 Complete Residual Solvents 07/17/2025 **Pass** Microbials 07/17/2025 **Pass** Mycotoxins 07/18/2025 Pass **Pesticides** 07/18/2025 Pass Heavy Metals 07/17/2025 Pass

#### Cannabinoids by SOP-6

Complete

	78.7737%		0.1500	0%	84.797	1%	8.3677%	
	Total THC		Total C	BD	Total Canna	binoids (Q3)	Total Terpenes	(Q3)
Analyte		LOD	LOQ	Result	Result			Q
		%	%	%	mg/g			
THCa			0.1000	20.4642	204.642			
Δ9-THC			0.1000	60.8266	608.266			
Δ8-ΤΗС			0.1000	0.2380	2.380			
THCV			0.1000	0.3202	3.202			
CBDa			0.1000	0.1711	1.711			
CBD			0.1000	ND	ND			
CBDVa			0.1000	ND	ND			
CBDV			0.1000	ND	ND			
CBN			0.1000	0.1098	1.098			

2.3242

0.3432

78.7737

0.1500

84.7971

ND

0.1000

0.1000

0.1000

Date Tested: 07/16/2025 07:00 am



CBGa

CBG

CBC

Total

Total THC

**Total CBD** 

tothems Set Anthony Settanni Lab Director

23.242

787.7370

847.9715

1.5003

3.432

ND

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#### Grateful Breath Live Resin N078LO

Sample ID: 2507APO3113.15838 Strain: Grateful Breath Matrix: Concentrates & Extracts Type: Live Resin

Source Batch #:

Collected: 07/17/2025 09:58 am Received: 07/17/2025 Completed: 07/22/2025 Batch #: N078LO Harvest Date: 05/19/2025

Client nugrun.

Lic. # 00000109ESVM44878444

Production/Manufacture Date: 06/29/2025 Production/Manufacture Method: Butane

#### Pesticides by SOP-22

**Pass** 

Analyte	LOQ	Limit	Result	Q	Status	Analyte	LOQ	Limit	Result	Q	Status
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.2500	0.5000	ND		Pass	Hexythiazox	0.5000	1.0000	ND		Pass
Acephate	0.2000	0.4000	ND		Pass	lmazalil	0.1000	0.2000	ND		Pass
Acetamiprid	0.1000	0.2000	ND		Pass	Imidacloprid	0.2000	0.4000	ND		Pass
Aldicarb	0.2000	0.4000	ND		Pass	Kresoxim Methyl	0.2000	0.4000	ND		Pass
Azoxystrobin	0.1000	0.2000	ND		Pass	Malathion	0.1000	0.2000	ND		Pass
Bifenazate	0.1000	0.2000	ND		Pass	Metalaxyl	0.1000	0.2000	ND		Pass
Bifenthrin	0.1000	0.2000	ND		Pass	Methiocarb	0.1000	0.2000	ND		Pass
Boscalid	0.2000	0.4000	ND		Pass	Methomyl	0.2000	0.4000	ND		Pass
Carbaryl	0.1000	0.2000	ND		Pass	Myclobutanil	0.1000	0.2000	ND		Pass
Carbofuran	0.1000	0.2000	ND		Pass	Naled	0.2500	0.5000	ND		Pass
Chlorantraniliprole	0.1000	0.2000	ND		Pass	Oxamyl	0.5000	1.0000	ND		Pass
Chlorfenapyr	0.5000	1.0000	ND		Pass	Paclobutrazol	0.2000	0.4000	ND		Pass
Chlorpyrifos	0.1000	0.2000	ND		Pass	Permethrins	0.1000	0.2000	ND		Pass
Clofentezine	0.1000	0.2000	ND		Pass	Phosmet	0.1000	0.2000	ND		Pass
Cyfluthrin	0.5000	1.0000	ND		Pass	Piperonyl	1.0000	2.0000	ND		Pass
Cypermethrin	0.5000	1.0000	ND		Pass	Butoxide	0.4000	0.0000	NID		
Daminozide	0.5000	1.0000	ND		Pass	Prallethrin	0.1000	0.2000	ND		Pass
Diazinon	0.1000	0.2000	ND		Pass	Propiconazole	0.2000	0.4000	ND		Pass
Dichlorvos	0.0500	0.1000	ND		Pass	Propoxur	0.1000	0.2000	ND		Pass
Dimethoate	0.1000	0.2000	ND ND		Pass	Pyrethrins	0.5000	1.0000	ND		Pass
Ethoprophos	0.1000	0.2000	ND ND		Pass	Pyridaben	0.1000	0.2000	ND ND		Pass
Etofenprox Etoxazole	0.2000	0.2000	ND ND		Pass Pass	Spinosad	0.1000	0.2000	ND		Pass Pass
Fenoxycarb	0.1000	0.2000	ND ND		Pass	Spiromesifen Spirotetramat	0.1000	0.2000	ND ND		Pass
Fenoxycard	0.1000	0.4000	ND ND		Pass	Spiroxamine	0.1000	0.4000	ND ND		Pass
Fipronil	0.2000	0.4000	ND		Pass	Tebuconazole	0.2000	0.4000	ND ND		Pass
Flonicamid	0.2000	1.0000	ND		Pass	Thiacloprid	0.2000	0.2000	ND ND		Pass
Fludioxonil	0.2000	0.4000	ND		Pass	Thiaciophia	0.1000	0.2000	ND ND		Pass
i iddiOXUIIII	0.2000	0.4000	שוו		газэ	Trifloxystrobin	0.1000	0.2000	ND ND		Pass
						II IIIOXYSLI ODIII	0.1000	0.2000	ND		гаээ

Date Tested: 07/18/2025 07:00 am



Mathons Section Anthony Settanni

Lab Director 07/22/2025

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### **Grateful Breath Live Resin N078LO**

Sample ID: 2507APO3113.15838 Strain: Grateful Breath Matrix: Concentrates & Extracts Type: Live Resin

Source Batch #:

Collected: 07/17/2025 09:58 am Received: 07/17/2025 Completed: 07/22/2025 Batch #: N078LO Harvest Date: 05/19/2025

Client

nugrun. Lic. # 00000109ESVM44878444

Production/Manufacture Date: 06/29/2025 Production/Manufacture Method: Butane

N 4: l-: - l -	Daga
Microbials	Pass

Analyte	Limit	Result	Status	Q
Salmonella SPP by QPCR: SOP-15	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Terreus by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	

Analyte	LOQ	Limit	Result	Status	Q
	CFU/g	CFU/g	CFU/g		<u>.</u>
E. Coli by traditional plating: SOP-13	10.0	100.0	< 10 CFU/g	Pass	

Date Tested: 07/17/2025 12:00 am

#### Mycotoxins by SOP-22

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
	μg/kg	μg/kg	μg/kg	μg/kg		
B1	5	10	20	ND	Pass	R1
B2	5	10	20	ND	Pass	R1
G1	5	10	20	ND	Pass	R1
G2	5	10	20	ND	Pass	
Total Aflatoxins	5	10	20	ND	Pass	R1
Ochratoxin A	5	10	20	ND	Pass	

Date Tested: 07/18/2025 07:00 am

#### Heavy Metals by SOP-21

**Pass** 

Analyte	LOD	LOQ	Limit	Units	Status	Q
	PPM	PPM	PPM	PPM		
Arsenic	0.1000	0.1330	0.4000	ND	Pass	
Cadmium	0.1000	0.1330	0.4000	ND	Pass	
Lead	0.2500	0.3330	1.0000	ND	Pass	
Mercury	0.0500	0.0660	0.2000	ND	Pass	

Date Tested: 07/17/2025 12:00 am



Anthony Settanni Lab Director 07/22/2025

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#### Grateful Breath Live Resin N078LO

Sample ID: 2507APO3113.15838 Strain: Grateful Breath Matrix: Concentrates & Extracts Type: Live Resin Source Batch #:

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Client nugrun.

Lic. # 00000109ESVM44878444

Production/Manufacture Date: 06/29/2025 Production/Manufacture Method: Butane

#### Residual Solvents by SOP-3

Analyte	LOQ	Limit	Result	Status	Q
	PPM	PPM	PPM		Pass
Acetone	381.0000	1000.0000	ND	Pass	
Acetonitrile	154.0000	410.0000	ND	Pass	
Benzene	1.0000	2.0000	ND	Pass	
Butanes	1914.0000	5000.0000	ND	Pass	
Chloroform	24.0000	60.0000	ND	Pass	
Dichloromethane	231.0000	600.0000	ND	Pass	
Ethanol	1910.0000	5000.0000	ND	Pass	
Ethyl-Acetate	1907.0000	5000.0000	ND	Pass	
Ethyl-Ether	1901.0000	5000.0000	ND	Pass	
n-Heptane	1892.0000	5000.0000	ND	Pass	
Hexanes	115.0000	290.0000	ND	Pass	
Isopropanol	1915.0000	5000.0000	ND	Pass	
Isopropyl-Acetate	1908.0000	5000.0000	ND	Pass	
Methanol	1141.0000	3000.0000	ND	Pass	
Pentane	1923.0000	5000.0000	ND	Pass	
Toluene	343.0000	890.0000	ND	Pass	
Xylenes + Ethyl Benzene	841.0000	2170.0000	ND	Pass	

Date Tested: 07/17/2025 12:00 am



Arthony Setw Anthony Settanni Lab Director

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#### Grateful Breath Live Resin N078LO

Sample ID: 2507APO3113.15838 Strain: Grateful Breath Matrix: Concentrates & Extracts Type: Live Resin

Collected: 07/17/2025 09:58 am Received: 07/17/2025 Completed: 07/22/2025 Batch #: N078LO Harvest Date: 05/19/2025

Client

nugrun. Lic. # 00000109ESVM44878444

Production/Manufacture Date: 06/29/2025 Production/Manufacture Method: Butane

#### **Terpenes**

Source Batch #:

Analyte	LOQ	Result	Result	Q	
	%	%	mg/g		
β-Myrcene	0.0010	2.5122	25.122	Q3	
D,L-Limonene	0.0010	1.4646	14.646	Q3	
β-Caryophyllene	0.0010	1.3535	13.535	Q3	
cis-beta-Ocimene	0.0010	1.2109	12.109	Q3	
Linalool	0.0010	0.5388	5.388	Q3	
α-Humulene	0.0010	0.4775	4.775	Q3	
β-Pinene	0.0010	0.2145	2.145	Q3	
Endo-Fenchyl Alcohol	0.0010	0.1405	1.405	Q3	
α-Pinene	0.0010	0.1328	1.328	Q3	
α-Terpineol	0.0010	0.0966	0.966	Q3	
α-Bisabolol	0.0010	0.0813	0.813	Q3	
Terpinolene	0.0010	0.0394	0.394	Q3	
Camphene	0.0010	0.0343	0.343	Q3	
trans-beta-Ocimene	0.0010	0.0285	0.285	Q3	
Caryophyllene Oxide	0.0010	0.0164	0.164	Q3	
D,L-Borneol	0.0010	0.0132	0.132	Q3	
Fenchone	0.0010	0.0125	0.125	Q3	
3-Carene	0.0010	ND	ND	Q3	
α-Cedrene	0.0010	ND	ND	Q3	
α-Phellandrene	0.0010	ND	ND	Q3	
α-Terpinene	0.0010	ND	ND	Q3	
α-Thujone	0.0010	ND	ND	Q3	
trans-β-Farnesene	0.0010	ND	ND	Q3	
Camphor	0.0010	ND	ND	Q3	
Carvacrol	0.0010	ND	ND	Q3	
Carvone	0.0010	ND	ND	Q3	
Cedrol	0.0010	ND	ND	Q3	
cis-Citral	0.0010	ND	ND	Q3	
cis-Farnesol	0.0010	ND	ND	Q3	

Analyte	LOQ	Result	Result	Q	
	%	%	mg/g		
cis-Nerolidol	0.0010	ND	ND	Q3	
Citronellol	0.0010	ND	ND	Q3	
Eucalyptol	0.0010	ND	ND	Q3	
γ-Terpinene	0.0010	ND	ND	Q3	
Geraniol	0.0010	ND	ND	Q3	
Geranyl Acetate	0.0010	ND	ND	Q3	
Guaiol	0.0010	ND	ND	Q3	
Isoborneol	0.0010	ND	ND	Q3	
Isobornyl Acetate	0.0010	ND	ND	Q3	
Isopulegol	0.0010	ND	ND	Q3	
m-Cymene	0.0010	ND	ND	Q3	
Menthol	0.0010	ND	ND	Q3	
L-Menthone	0.0010	ND	ND	Q3	
Nerol	0.0010	ND	ND	Q3	
Nootkatone	0.0010	ND	ND	Q3	
o,p-Cymene	0.0010	ND	ND	Q3	
Octyl Acetate	0.0010	ND	ND	Q3	
Phytane	0.0010	ND	ND	Q3	
Piperitone	0.0010	ND	ND	Q3	
Pulegone	0.0010	ND	ND	Q3	
Sabinene	0.0010	ND	ND	Q3	
Sabinene Hydrate	0.0010	ND	ND	Q3	
Safranal	0.0010	ND	ND	Q3	
Terpinen-4-ol	0.0010	ND	ND	Q3	
Thymol	0.0010	ND	ND	Q3	
trans-Citral	0.0010	ND	ND	Q3	
trans-Nerolidol	0.0010	ND	ND	Q3	
Valencene	0.0010	ND	ND	Q3	
Verbenone	0.0010	ND	ND	Q3	
Total		8.3677	83.677		

#### **Primary Aromas**

















Date Tested: 07/17/2025 12:00 am Terpenes analysis is not regulated by AZDHS.



Milliams Anthony Settanni

Lab Director 07/22/2025

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#### Grateful Breath Live Resin N078LO

Sample ID: 2507APO3113.15838 Strain: Grateful Breath Matrix: Concentrates & Extracts Type: Live Resin Source Batch #:

Collected: 07/17/2025 09:58 am Received: 07/17/2025 Completed: 07/22/2025 Batch #: N078LO Harvest Date: 05/19/2025

Client nugrun. Lic. # 00000109ESVM44878444

Production/Manufacture Date: 06/29/2025 Production/Manufacture Method: Butane

# **Qualifiers Definitions**

Qualifier Notation	Qualifier Description
l1	The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection (L)(1) with respect to the reference spectra, indicating interference
L1	When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection $(K)(2)(c)$ , but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
M1	The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M2	The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
М3	The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
R1	The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection $(K)(3)$ , but the recovery in subsection $(K)(2)$ was within acceptance criteria
V1	The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J) (1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
Q2	The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices – Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

# Notes and Addenda:





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07/22/2025 ARIZONA DEPARTMENT OF HEALTH SERVICES' WARNING:
Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machinery. Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection. Marijuana use may affect the health of a pregnant woman and the unborn child. Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child;
KEEP OUT OF REACH OF CHILDREN.
The product associated with the COA has been tested by Apollo Labs using validated state certified testing methodologies as required by Arizona state law. Values reported herein relate only to the specific sample of

Chief Scientific Officer





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#### Grateful Breath Live Resin N078LO

Sample ID: 2507APO3113.15838 Strain: Grateful Breath Matrix: Concentrates & Extracts Type: Live Resin Source Batch #:

Collected: 07/17/2025 09:58 am Received: 07/17/2025 Completed: 07/22/2025 Batch #: N078LO Harvest Date: 05/19/2025

Client nugrun. Lic. # 00000109ESVM44878444

Production/Manufacture Date: 06/29/2025 Production/Manufacture Method: Butane

# **Customer Supplied Information:**





Bryant Kearl Chief Scientific Officer 07/22/2025

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