



# Regulatory Compliance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED: 08/02/2023

2307OPT2551.9987R2

**SAMPLE NAME:** Northern Lights-060723

Matrix: Concentrates & Extracts | Type: Distillate  
Strain Name: Northern Lights | Classification: Indica Dominant

**CULTIVATOR/MANUFACTURER:**

**Business Name:** Bud Bros  
**License:** 00000090DCYT00194857

**Address:** 8376 N El Mirage Rd #2, El Mirage, AZ, El Mirage, AZ 85335

**SAMPLE DETAIL:**

**Batch Number:**  
Northern Lights-060723

**Date Received:**  
07/19/2023

**Batch Size:**

**External Lot ID:**

**Sample Size:**

**Other Information:**  
8/2/23 client license added/  
ex batch ID input error:  
060723 to  
Northern Lights-060723

**Unit Mass:**  
g



Scan QR code to verify authenticity of results.

## CANNABINOID ANALYSIS SUMMARY

**Total THC:** 81.9806%  
 $\Delta^9$ -THC + (THCa \* 0.877)

**Total Cannabinoids:** 83.8146%  
CBD + CBDa + CBG + CBGa + CBN +  $\Delta^8$ -THC +  $\Delta^9$ -THC + THCa + THCV

**Total CBD:** 0.7742%  
CBD + (CBDa \* 0.877)

## SAFETY ANALYSIS SUMMARY

**Pesticides:** Not Tested

**Heavy Metals:** Not Tested

**Moisture:** Not Tested

**Mycotoxins:** Not Tested

**Residual Solvents:** Not Tested

**Water Activity:** Not Tested

**Microbials:** ☒ Pass

**Foreign Material:** Not Tested

## TERPENE ANALYSIS SUMMARY

NOT TESTED



Data Reviewed by Symone Whalin, Laboratory Technical Director Designee

*Symone Whalin*

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## CANNABINOID TEST RESULTS: 07/19/2023

Method: HPLC

81.9806%	83.8146%
81.9806%	83.8146%
Total THC	Total Cannabinoids
0.7742%	NT
0.7742%	
Total CBD	Moisture (Q3)

Analyte	Qualifier	LOQ	Result	Result
		%	%	mg/g
THCa		0.0300	ND	ND
$\Delta$ 9-THC		0.0300	81.9806	819.806
$\Delta$ 8-THC		0.0300	ND	ND
CBDa		0.0200	ND	ND
CBD		0.0200	0.7742	7.742
CBN		0.0040	ND	ND
CBG		0.0040	1.0598	10.598
CBGa		0.0040	ND	ND
THCV		0.0040	ND	ND
Total THC			81.9806	819.8060
Total CBD			0.7742	7.7420
Total				

Data Reviewed by Symone Whalin, Laboratory Technical Director Designee



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## MICROBIALS TEST RESULTS: 07/19/2023

☒ Pass

Method: BioRad qPCR

Analyte	Qualifier	Limits/Units	Result	Final Result
		CFU/g	CFU/g	
E. Coli		100	<40.0000	Pass
Yeast & Mold	Q3		NR	NT

Analyte	Qualifier	Limits/Units	Result	Final Result
Salmonella		1g	Not Detected	Pass
Aspergillus fumigatus		1g	Not Detected	Pass
Aspergillus niger		1g	Not Detected	Pass
Aspergillus flavus		1g	Not Detected	Pass
Aspergillus terreus		1g	Not Detected	Pass

OnPoint  
LABORATORIES



Data Reviewed by Symone Whalin, Laboratory Technical Director Designee

*Symone Whalin*

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# Certificate of Analysis

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## Goldsmith Extracts

1225 West Deer Valley Road  
Phoenix, AZ 85027  
goldsmithextracts@gmail.com  
(480) 720-3039  
Lic. #00000089DCQY00546716

Sample: 2306LVL0589.3179

Strain: 060723  
Batch#: 060723; Batch Size: g  
Sample Received: 06/09/2023; Report Created: 06/12/2023; Expires: 06/12/2024  
Harvest Date: ; Manufacturing Date:

**060723**

Concentrates & Extracts, Distillate



	<b>96.97%</b>	<b>&lt;LOQ</b>	<b>97.64%</b>
	Total THC	Total CBD	
	<b>NT</b>	<b>Not Tested</b>	<b>Total Cannabinoids</b>
	Total Terpenes	NT Moisture	

## Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.622	ND	ND	
Δ9-THC	0.622	96.973	969.73	
Δ8-THC	0.622	ND	ND	
THCVa	0.622	ND	ND	
THCV	0.622	ND	ND	
CBDa	0.622	ND	ND	
CBD	0.622	<LOQ	<LOQ	
CBDVa	0.622	ND	ND	
CBDV	0.622	ND	ND	
CBN	0.622	ND	ND	
CBGa	0.622	ND	ND	
CBG	0.622	0.668	6.68	
CBC	0.622	<LOQ	<LOQ	
<b>Total</b>		<b>97.641</b>	<b>976.41</b>	

Qualifiers:  
Date Tested: 06/09/2023 07:00 am

Total THC = THCa \* 0.877 + Δ9-THC

Total CBD = CBDa \* 0.877 + CBD

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. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.



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Strain: 060723  
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Harvest Date: ; Manufacturing Date:

060723

Concentrates & Extracts, Distillate



## Residual Solvents

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM		
Acetone	372.371	1000.000	ND	Pass	
Acetonitrile	151.371	410.000	ND	Pass	
Benzene	0.741	2.000	ND	Pass	
Butanes	2477.526	5000.000	ND	Pass	
Chloroform	22.298	60.000	ND	Pass	
Dichloromethane	226.588	600.000	ND	Pass	
Ethanol	1847.526	5000.000	ND	Pass	
Ethyl-Acetate	1849.278	5000.000	ND	Pass	
Ethyl-Ether	1842.062	5000.000	ND	Pass	
Heptane	1844.742	5000.000	ND	Pass	
Hexanes	106.340	290.000	ND	Pass	
Isopropanol	1838.866	5000.000	ND	Pass	
Isopropyl-Acetate	1842.268	5000.000	ND	Pass	
Methanol	1102.474	3000.000	ND	Pass	
Pentanes	1854.227	5000.000	ND	Pass	
Propane	2472.474	5000.000	ND	Pass	
Toluene	331.794	890.000	ND	Pass	
Xylenes	794.969	2170.000	ND	Pass	

Qualifiers:  
Date Tested: 06/09/2023 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.



1525 N Granite Reef Rd  
Scottsdale, AZ  
(480) 867-1520  
<http://www.levelonelabs.com>  
Lic# 00000004LCIG00024823

Matthew Schuberth  
Laboratory Director

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[support@confidentcannabis.com](mailto:support@confidentcannabis.com)  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



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Sample: 2306LVL0635.3391

Strain: 060723  
Batch#: 060723; Batch Size: g  
Sample Received: 06/16/2023; Report Created: 06/22/2023; Expires: 06/22/2024  
Harvest Date: ; Manufacturing Date:

060723

Concentrates & Extracts, Distillate



## Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
Abamectin	0.030	0.500	PPM	ND	Pass	Hexythiazox	0.050	1.000	PPM	ND	Pass
Acephate	0.040	0.400	PPM	ND	Pass	Imazalil	0.050	0.200	PPM	ND	Pass
Acequinocyl	0.460	2.000	PPM	ND	Pass	Imidacloprid	0.050	0.400	PPM	ND	Pass
Acetamiprid	0.050	0.200	PPM	ND	Pass	Kresoxim Methyl	0.040	0.400	PPM	ND	Pass
Aldicarb	0.050	0.400	PPM	ND	Pass	Malathion	0.050	0.200	PPM	ND	Pass
Azoxystrobin	0.050	0.200	PPM	ND	Pass	Metalaxyl	0.050	0.200	PPM	ND	Pass
Bifenazate	0.050	0.200	PPM	ND	Pass	Methiocarb	0.040	0.200	PPM	ND	Pass
Bifenthrin	0.050	0.200	PPM	ND	Pass	Methomyl	0.050	0.400	PPM	ND	Pass
Boscalid	0.040	0.400	PPM	ND	Pass	Myclobutanil	0.050	0.200	PPM	ND	Pass
Carbaryl	0.050	0.200	PPM	ND	Pass	Naled	0.050	0.500	PPM	ND	Pass
Carbofuran	0.050	0.200	PPM	ND	Pass	Oxamyl	0.050	1.000	PPM	ND	Pass
Chlorantraniliprole	0.050	0.200	PPM	ND	Pass	Paclobutrazol	0.050	0.400	PPM	ND	Pass
Chlorfenapyr	0.460	1.000	PPM	ND	Pass	Permethrins	0.050	0.200	PPM	ND	Pass
Chlorpyrifos	0.050	0.200	PPM	ND	Pass	Phosmet	0.050	0.200	PPM	ND	Pass
Clofentezine	0.050	0.200	PPM	ND	Pass	Piperonyl Butoxide	0.040	2.000	PPM	ND	Pass
Cyfluthrin	0.460	1.000	PPM	ND	Pass	Prallethrin	0.050	0.200	PPM	ND	Pass
Cypermethrin	0.050	1.000	PPM	ND	Pass	Propiconazole	0.050	0.400	PPM	ND	Pass
Daminozide	0.460	1.000	PPM	ND	Pass	Propoxur	0.050	0.200	PPM	ND	Pass
Dichlorvos (DDVP)	0.050	0.100	PPM	ND	Pass	Pyrethrins	0.460	1.000	PPM	ND	Pass
Diazinon	0.050	0.200	PPM	ND	Pass	Pyridaben	0.050	0.200	PPM	ND	Pass
Dimethoate	0.050	0.200	PPM	ND	Pass	Spinosad	0.050	0.200	PPM	ND	Pass
Ethoprophos	0.050	0.200	PPM	ND	Pass	Spiromesifen	0.050	0.200	PPM	ND	Pass
Etofenprox	0.050	0.400	PPM	ND	Pass	Spirotetramat	0.050	0.200	PPM	ND	Pass
Etoxazole	0.050	0.200	PPM	ND	Pass	Spiroxamine	0.040	0.400	PPM	ND	Pass
Fenoxycarb	0.050	0.200	PPM	ND	Pass	Tebuconazole	0.050	0.400	PPM	ND	Pass
Fenpyroximate	0.050	0.400	PPM	ND	Pass	Thiacloprid	0.050	0.200	PPM	ND	Pass
Fipronil	0.040	0.400	PPM	ND	Pass	Thiamethoxam	0.050	0.200	PPM	ND	Pass
Flonicamid	0.050	1.000	PPM	ND	Pass	Trifloxystrobin	0.050	0.200	PPM	ND	Pass
Fludioxonil	0.040	0.400	PPM	ND	Pass						

## Herbicides

Analyte	LOQ	Limit	Units	Status
Pendimethalin	0.050	0.100	PPM	Pass

### Qualifiers:

Date Tested: 06/19/2023 07:00 am

Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.



1525 N Granite Reef Rd  
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(480) 867-1520  
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Harvest Date: ; Manufacturing Date:

060723

Concentrates & Extracts, Distillate



## Mycotoxins

Pass

Total Ochratoxins Date Tested: 06/18/2023  
Total Aflatoxins Date Tested: 06/18/2023

Analyte	LOQ µg/kg	Limit µg/kg	Units µg/kg	Status	Qualifier
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	ND	Pass	
Total Ochratoxins (A and B)	2.00	20.00	ND	Pass	

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TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.



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Concentrates & Extracts, Distillate



## Microbials

Pass

Analyte	Result	Result Units	Status
E. Coli	CFU/g ND	CFU/g 100	Pass
Salmonella	Not Detected	in one gram	Pass
Aspergillus terreus	Not Detected	in one gram	Pass
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass

Qualifiers:  
Date Tested: 06/19/2023 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.



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Concentrates & Extracts, Distillate



## Heavy Metals

Pass

Analyte	Mass	Limit	Status	Qualifier
	PPM	PPM		
Arsenic	<0.400	0.400	Pass	
Cadmium	ND	0.400	Pass	
Lead	<1.000	1.000	Pass	V1
Mercury	ND	1.200	Pass	V1

LEVEL ONE

Qualifiers:  
Date Tested: 06/20/2023 07:00 am

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. Subcontracted through IAS. Approved for all analytes by ICP-OES. Inter Ag Services Inc. Registration Certificate Identification Number: 00000009LCSL00311854



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