

Certificate of Analysis

Page: 1 of 1

4K Pharm LLC

2083 CR 226
Giddings, TX 78942
4kpharm@gmail.com
512-963-5399

Sample: 01-09-2024-44072

Sample Received: 01/09/2024;
Report Created: 01/10/2024; Expires: 01/09/2026

Rio Grand-eo
Plant, Flower - Cured



0.645 %

Total THC

ND %

Δ-9 THC

17.446 %

Total Cannabinoids

13.890 %

Total CBD

Cannabinoids

Complete

(Testing Method: HPLC, CON-P-3000)

Date Tested: 01/09/2024

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0485	0.0728	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0485	0.0728	ND	ND
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0485	0.0728	0.736	7.359
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0485	0.0728	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0485	0.0728	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0485	0.0728	ND	ND
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0485	0.0728	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0485	0.0728	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0485	0.0728	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0485	0.0728	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0485	0.0728	ND	ND
Cannabidivarin (CBDV)	0.0485	0.0728	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0485	0.0728	ND	ND
Cannabidiol (CBD)	0.0485	0.0728	0.505	5.049
Cannabidiolic Acid (CBDA)	0.0485	0.0728	15.262	152.621
Cannabigerol (CBG)	0.0485	0.0728	ND	ND
Cannabigerolic Acid (CBGA)	0.0485	0.0728	0.182	1.825
Cannabinol (CBN)	0.0485	0.0728	ND	ND
Cannabinolic Acid (CBNA)	0.0485	0.0728	ND	ND
Cannabichromene (CBC)	0.0485	0.0728	ND	ND
Cannabichromenic Acid (CBCA)	0.0485	0.0728	0.760	7.602
Total			17.446	174.456

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

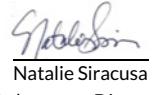
Total THC Measurement of Uncertainty: ± 0.050%

Total CBD Measurement of Uncertainty: ± 2.000%

THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers



New Bloom Labs
6121 Heritage Park Drive, A500
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868): ISO/IEC
17025:2017


Natalie Siracusa
Laboratory Director

Powered by
reLIMS
info@relims.com



Sample #1 Batch

Lab ID:	BBL_6270	Matrix:	Flower	Analyses Executed:	CAN
Company:	4K Pharm	Lot ID:	#1 Batch	Reported:	13 Jul, 2024
Phone:	512-963-5399	Received:	08 Jul, 2024		
Address:	Giddings, TX				
Email:	4kpharm@gmail.com				

Lab Notes: Results reported for sample as received. THCP, HHCP, HHCO, D8-iso-THC, D8-THCV and D10-THC are not A2LA accredited.

HME - Heavy Metals Detection Analysis

Analyzed 08 Jul, 2024 | Instrument ICP-MS | Method TM-105

Analysis Comment: Result '0' implies detection less than LOQ.

Analyte	LOD (ppb)	LOQ (ppb)	Result ug/g	Flag	Limit ug/g
Arsenic (As)	0.005	0.015	ND		
Cadmium (Cd)	0.005	0.016	ND		
Mercury (Hg)	0.004	0.013	ND		
Lead (Pb)	0.075	0.224	ND		

Sample Photography



MIB - Microbial Testing Analysis

Analyzed 08 Jul, 2024 | Instrument PCR/ Plating | Method TM-109

Analyte	Limit (CFU/g)	Result CFU/g	Flag
Salmonella SPP		NEG	
Total Yeast & Mold		11500	
Aspergillus fumigatus		NEG	
Aspergillus flavus		NEG	
Aspergillus niger		NEG	
Aspergillus terreus		NEG	
Shiga toxin-producing Escherichia Coli		NEG	

PES - Pesticides Screening Analysis

Analyzed 08 Jul, 2024 | Instrument LCMS-MS | Method Subcontracted

NR Not Reportable
 ND Not Detected
 N/A Not Applicable
 NT Not Tested
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNFC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

Thinh Ngo

Thinh Ngo
 Laboratory Director
 13 Jul, 2024 12:20:49 PM

Bluebonnet Labs Certificate of Analysis

2567 Valley View Ln, Dallas, TX 75234, United States | TX Registration #: TL2020031



DEA #: RP0607436 | ISO/IEC 17025:2017 Certificate #: 6400.01

Bluebonnet Labs

Analytes	LOD (ppb)	LOQ (ppb)	Result ug/g	Flag	Limit ug/g
Acephate	0.230	0.700	N D		
Abamectin	0.110	0.330	N D		
Acequinocyl	0.110	0.320	N D		
Acetamiprid	0.020	0.050	N D		
Aldicarb	0.020	0.050	N D		
Azoxystrobin	0.020	0.060	N D		
Bifenazate	0.010	0.030	N D		
Bifenthrin	0.020	0.060	N D		
Boscalid	0.060	0.170	N D		
Carbaryl	0.010	0.040	N D		
Carbofuran	0.010	0.020	N D		
Chlorpyrifos	0.010	0.030	N D		
Chlorantraniliprole	0.010	0.030	N D		
Clofentezine	0.010	0.040	N D		
Coumaphos	0.040	0.120	N D		
Cyfluthrin	2.320	7.020	N D		
Cypermethrin	0.370	1.130	N D		
Daminozide	0.550	1.650	N D		
Dichlorvos	0.050	0.140	N D		
Dimethoate	0.010	0.020	N D		
Dimethomorph	0.010	0.030	N D		
Ethoprophos	0.020	0.050	N D		
Etoxazole	0.010	0.020	N D		
Etofenprox	0.010	0.040	N D		
Fenhexamid	0.040	0.140	N D		
Fenoxy carb	0.020	0.060	N D		
Fenpyroximate	0.010	0.040	N D		
Fipronil	0.010	0.040	N D		
Fludioxinil	0.020	0.050	N D		
Flunicamide	0.010	0.030	N D		
Imazalil	0.060	0.170	N D		
Hexythiazox	0.010	0.020	N D		
Imidacloprid	0.040	0.110	N D		
Kresoxim-methyl	0.020	0.050	N D		
Malathion	0.010	0.030	N D		
Metalaxyl	0.010	0.020	N D		
Methiocarb	0.010	0.030	N D		
Methomyl	0.020	0.050	N D		
Mevinphos	0.060	0.180	N D		
Myclobutanil	1.190	3.610	N D		
Naled	0.030	0.080	N D		
Paclobutrazole	0.020	0.060	N D		
Oxamyl	0.020	0.050	N D		
Permethrin	0.080	0.260	N D		
Phosmet	0.010	0.030	N D		
Piperonyl butoxide	0.010	0.040	N D		
Prallethrin	0.100	0.300	N D		

NR Not Reportable

ND Not Detected

N/A Not Applicable

NT Not Tested

LOD Limit of Detection

LOQ Limit of Quantification

<LOQ Detected

>ULOL Above upper limit of linearity

CFU/g Colony Forming Units per 1 gram

TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

*Thinh Ngo*Thinh Ngo
Laboratory Director
13 Jul, 2024 12:20:49 PM

Bluebonnet Labs Certificate of Analysis

2567 Valley View Ln, Dallas, TX 75234, United States | TX Registration #: TL2020031



DEA #: RP0607436 | ISO/IEC 17025:2017 Certificate #: 6400.01

Bluebonnet Labs

Analytes	LOD (ppb)	LOQ (ppb)	Result ug/g	Flag	Limit ug/g
Propiconazole	0.070	0.220	N D		
Propoxur	0.010	0.030	N D		
Pyrethrin-I	0.020	0.060	N D		
Pyridaben	0.010	0.020	N D		
Spinetoram	0.230	0.690	N D		
Spinosyn A	0.010	0.020	N D		
Spinosyn D	0.000	0.010	N D		
Spiromesifen	0.050	0.140	N D		
Spirotetramat	0.010	0.030	N D		
Spiroxamine	0.010	0.030	N D		
Tebuconazole	0.010	0.030	N D		
Thiachloprid	0.010	0.030	N D		
Thiamethoxam	0.010	0.040	N D		
Trifloxystrobin	0.010	0.030	N D		
Diazinon	0.010	0.040	N D		
Methyl parathion	0.050	0.140	N D		
Chlorfenapyr	0.830	2.530	N D		
Chlordane	0.740	2.250	N D		
Pentachloronitrobenzene	0.060	0.170	N D		

NR Not Reportable
ND Not Detected
N/A Not Applicable
NT Not Tested
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

Thinh Ngo
 Thinh Ngo
 Laboratory Director
 13 Jul, 2024 12:20:49 PM