

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

(Testing Method: HPLC, CON-P-3000)  
Date Tested: 01/09/2024

Complete

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	<b>0.736</b>	<b>7.359</b>	
Δ-9-Tetrahydrocannabinophorol (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	<b>0.505</b>	<b>5.049</b>	
Cannabidiolic Acid (CBDA)	0.0485	0.0728	<b>15.262</b>	<b>152.621</b>	
Cannabigerol (CBG)	0.0485	0.0728	ND	ND	
Cannabigerolic Acid (CBGA)	0.0485	0.0728	<b>0.182</b>	<b>1.825</b>	
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	<b>0.760</b>	<b>7.602</b>	
<b>Total</b>			<b>17.446</b>	<b>174.456</b>	

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*  
Natalie Siracusa  
Laboratory Director

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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  
TNTC Too Numerous to Count



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Thinh Ngo

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Laboratory Director  
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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		
Fenoxycarb	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		
Flonicamide	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  
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LOQ Limit of Quantification  
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>ULOL Above upper limit of linearity  
CFU/g Colony Forming Units per 1 gram  
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Laboratory Director  
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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  
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>ULOL Above upper limit of linearity  
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