

Certificate of Analysis

Page: 1 of 1

4K Pharm LLC

Giddings, TX 78942
4kpharm@gmail.com

Sample: 01-09-2024-44073

Sample Received: 01/09/2024;
Report Created: 01/10/2024; [REDACTED]

White CBG
Plant, Flower - Cured



0.169 %

Total THC

ND %

Δ-9 THC

14.631 %

Total Cannabinoids

<LOQ %

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)	0.0488	0.0732	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0488	0.0732	ND	ND
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0488	0.0732	0.193	1.932
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0488	0.0732	ND	ND
Δ-9-Tetrahydrcannabivarin (Δ-9-THCV)	0.0488	0.0732	ND	ND
Δ-9-Tetrahydrcannabivarinic Acid (Δ-9-THCVA)	0.0488	0.0732	ND	ND
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0488	0.0732	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0488	0.0732	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0488	0.0732	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0488	0.0732	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0488	0.0732	ND	ND
Cannabidivarin (CBDV)	0.0488	0.0732	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0488	0.0732	ND	ND
Cannabidiol (CBD)	0.0488	0.0732	ND	ND
Cannabidiolic Acid (CBDA)	0.0302	0.0732	<LOQ	<LOQ
Cannabigerol (CBG)	0.0488	0.0732	0.272	2.722
Cannabigerolic Acid (CBGA)	0.0488	0.0732	13.954	139.541
Cannabinol (CBN)	0.0488	0.0732	ND	ND
Cannabinolic Acid (CBNA)	0.0488	0.0732	ND	ND
Cannabichromene (CBC)	0.0302	0.0732	<LOQ	<LOQ
Cannabichromenic Acid (CBCA)	0.0488	0.0732	0.212	2.117
Total			14.631	146.312

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

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Sample #1 Batch

Lab ID:	BBL_6270	Matrix:	Flower	Analyses Executed:	CAN
Company:	4K Pharm	Lot ID:	#1 Batch	Reported:	13 Jul, 2024
Phone:	██████████	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



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		
Metalaxy	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



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Laboratory Director
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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
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 All required LQC (Laboratory Quality Control) samples were included in the performance of these analyses and met the acceptance criteria for ISO/IEC Regulations.