



Certificate of Analysis

Groove, LLC

Sample: 2202FID0468.3002

Strain: Pakistani Chital Kush

Batch #: 1; Lot #:

METRC Batch: 1A408010000CABD000000351; METRC Sample: 1A408010000CABD000000350

Analysis Initiated: 02/08/2022; Report Created: 02/10/2022

Sampling SOP: SOP-0050

Pakistani Chital Kush Flower HB5

Plant, Flower - Cured, Indoor

Harvest/Production Date: 01/04/2022



18.10%
Total Potential
Psychoactive THC

0.08%
Total CBD

Pass
Foreign Matter

20.60%
Total Raw THC

22.13%
Total Cannabinoids

Pass
10.98%
Moisture

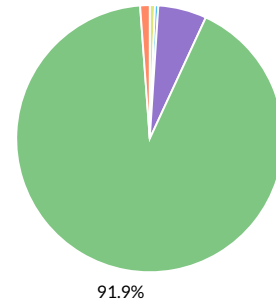
Cannabinoids

Pass

Analytical Calibration Batch: Cannabinoids AF 01042022

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.05	20.35	203.5
Δ9-THC	0.05	0.26	2.6
Δ8-THC	0.05	ND	ND
THCV	0.05	ND	ND
CBDa	0.05	0.09	0.9
CBD	0.05	ND	ND
CBN	0.05	ND	ND
CBGa	0.05	1.30	13.0
CBG	0.05	0.14	1.4
CBC	0.05	ND	ND
Total		22.13	221.3

Legend: CBG (yellow), CBDa (blue), CBGa (purple), THCa (green), Δ9-THC (orange)



Total Potential Psychoactive THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected; PPM = Parts per Million; PPB = Parts per Billion; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

SOP-0037; Full spectrum cannabinoid analysis by High Performance Liquid Chromatography with UV detection (HPLC-UV). Reported result is based on sample dry weight.

SOP-0035; Foreign matter inspection includes but is not limited to hair, insects, stems, and feces. Filth is inspected using a M16-209 stereoscope. Stem measurements are performed using fisher calipers.

SOP-0036; Moisture analysis is performed using a Shimadzu moisture analyzer MOC63u UL.



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License # L-100170-003



Andre Umansky
Laboratory Director

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Accreditation #: 102722

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Terpenes

Analytical Calibration Batch: Terpenes 01252022

Analyte	LOQ	Mass	Mass
	%	%	mg/g
α-Pinene	0.008	0.574	5.74
β-Myrcene	0.008	0.553	5.53
β-Pinene	0.008	0.254	2.54
β-Caryophyllene	0.008	0.201	2.01
δ-Limonene	0.008	0.143	1.43
Linalool	0.008	0.132	1.32
α-Humulene	0.008	0.095	0.95
cis-Nerolidol	0.008	0.027	0.27
trans-Nerolidol	0.008	0.024	0.24
Guaiol	0.008	0.018	0.18
Camphene	0.008	0.014	0.14
α-Bisabolol	0.008	ND	ND
α-Terpinene	0.008	ND	ND
Caryophyllene Oxide	0.008	ND	ND
δ-3-Carene	0.008	ND	ND
Eucalyptol	0.008	ND	ND
γ-Terpinene	0.008	ND	ND
Geraniol	0.008	ND	ND
Isopulegol	0.008	ND	ND
Ocimene	0.008	ND	ND
p-Cymene	0.008	ND	ND
Terpinolene	0.008	ND	ND
Total		2.035	20.35



Primary Aromas



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Residual Solvents

Not Tested

Analytical Calibration Batch:

Analyte	LOQ	State Limits	Mass	Status	Analyte	LOQ	State Limits	Mass	Status
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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. SOP-0056; A wide spectrum analysis of Residual Solvents using Gas Chromatography Mass Spectrometry (Thermo Scientific ISQ7000 GCMS).

Mycotoxins

Pass

Analytical Calibration Batch: 02/08/2022

Analyte	LOQ	State Limit	Mass	Status
	PPB	PPB	PPB	
Ochratoxin A	12	20	ND	Pass
Total Aflatoxins	20	20	ND	Pass

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. SOP-0048; Mycotoxin screening is performed using Sciex 6500+ LCMSMS with Exion XR front HPLC.

Microbials

Pass

Analyte	Limit	Mass	Status
	CFU/g	CFU/g	
Aerobic Bacteria	100000	NR	NT
Aspergillus	1	NR	NT
Aspergillus flavus	1	NR	NT
Aspergillus fumigatus	1	NR	NT
Aspergillus niger	1	NR	NT
Aspergillus terreus	1	NR	NT
Bile-Tolerant Gram-Negative Bacteria	10000	NR	NT
E. Coli	1	ND	Pass
Mold	10000	ND	Pass
Salmonella		ND	Pass

LOQ = Limit of Quantitation; TNTC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP-0057: E.Coli, and Salmonella analysis on AriaDX qPCR using Medicinal Genomics validated methods. SOP-0061: Mold enumeration using Hardy Diagnostics media. SOP-0063: Aspergillus species specific analysis on AriaDX qPCR using Medicinal Genomics validated methods.



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Sampling SOP: SOP-0050

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Pesticides

Analytical Calibration Batch: 02/08/2022

Pass

Analyte	LOQ	State Limit	Expanded Limit	Mass	Status
	PPM	PPM	PPM	PPM	
Abamectin	0.12	0.5	0.5	ND	Pass
Acequinocyl	0.12	2	2	ND	Pass
Bifenazate	0.12	0.2	0.2	ND	Pass
Bifenthrin	0.12	0.2	0.2	ND	Pass
Chloromequat	0.12	1	1	ND	Pass
Cyfluthrin	0.12	1	1	ND	Pass
Daminozide	0.12	1	1	ND	Pass
Etoxazole	0.12	0.2	0.2	ND	Pass
Fenoxycarb	0.12	0.2	0.2	ND	Pass
Imazalil	0.12	0.2	0.2	ND	Pass
Imidacloprid	0.12	0.4	0.4	ND	Pass
Myclobutanil	0.12	0.2	0.2	ND	Pass
Paclobutrazol	0.12	0.4	0.4	ND	Pass
Pyrethrins	0.12	1	1	ND	Pass
Spinosad	0.12	0.2	0.2	ND	Pass
Spirotetramat	0.12	0.2	0.2	ND	Pass
Trifloxystrobin	0.12	0.2	0.2	ND	Pass

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. SOP-0048; Pesticide screening is performed using Sciex 6500+ LCMSMS with Exion XR front HPLC.



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