

APE OG - Bulk Flower

Overall Batch Result **PASS**



Total THC
30.4295%

Total CBD
0.1896%

Water Activity
0.4989 a_w

Total Cannabinoids
33.2425%

Sum Cannabinoids
37.4211%

Moisture Content
13.32%

Batch

Lot / Batch: **AFAOG-080222**
Source UID: **1A406030000A2BE000007417**
Package UID: **1A406030000A2BE000007682**

Distributor

Northridge Caregivers Co-Op, Inc.
11826 W Sheldon St
Sun Valley CA 91352
C11-0000179-LIC

Producer

TJT Joint Ventures
1025 Joellis Way Ste 100
Sacramento CA 95815
CCL19-0005143

Sample

Account: **Northridge Caregivers Co-Op, Inc.**
Sample ID: **1922042**
Sample Matrix: **Flower - Cured**
Batch Size: **2270 g**
Sample Size: **10 g**
Package Size: **N/A**
Serving Size: **N/A**
Collected Date: **08/03/22**
Received Date: **08/03/22**
Completed Date: **08/08/22**

Cannabinoids

TESTED

Heavy Metals

PASS

Microbials

PASS

Mycotoxins

PASS

Chemical Residues

PASS

Foreign Materials

PASS

Water Activity

PASS

Quality Review

Dr. Jerry White PhD

Jerry White, PhD
Chief Scientific Officer
08/08/22

Data Review

Bryan Zahakaylo

Bryan Zahakaylo
Analyst
08/08/22



Cannabinoids Analysis TESTED

Analytical Technique: **HPLC UV VIS**
 Instrumentation: **2030C**
 Method: **SOP-001**
 Analysis Performed: **08/05/22**
 Panel Completed: **08/08/22**

Sum Cannabinoids: **37.4211%**, **374.211 mg/g**
 Total Cannabinoids: **33.2425%**, **332.425 mg/g**
 Total THC: **30.4295%**, **304.295 mg/g**
 Total CBD: **0.1896%**, **1.896 mg/g**

Sum Cannabinoids = Acidic Cannabinoids + Neutral Cannabinoids

Analyte	LOD (mg/g)	LOQ (mg/g)	Results (mg/g)	Results (%)
Cannabidiol (CBD)	0.2043	0.4086	ND	ND
Cannabidiolic Acid (CBDA)	0.2043	0.4086	0.571	0.0571
Cannabigerolic Acid (CBGA)	0.2043	0.4086	14.906	1.4906
Cannabigerol (CBG)	0.2043	0.4086	1.288	0.1288
Cannabidiol (CBD)	0.2043	0.4086	1.395	0.1395
Tetrahydrocannabinol (THCV)	0.2043	0.4086	10.878	1.0878
Cannabinol (CBN)	0.2043	0.4086	ND	ND
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.2043	0.4086	19.929	1.9929
Δ^8 -Tetrahydrocannabinol (Δ^8 -THC)	0.2043	0.4086	ND	ND
Cannabichromene (CBC)	0.2043	0.4086	0.996	0.0996
Δ^9 -Tetrahydrocannabinolic Acid (Δ^9 -THCA)	0.2043	0.4086	324.249	32.4249

Total Cannabinoids = (Acidic Cannabinoids x 0.877) + Neutral Cannabinoids

Total THC = (THCA x 0.877) + Δ^9 -THC

Total CBD = (CBDA x 0.877) + CBD

Heavy Metals Analysis PASS

Analytical Technique: **ICP-MS**
 Instrumentation: **NexION**
 Method: **SOP-005**
 Analysis Performed: **08/05/22**
 Panel Completed: **08/05/22**

Analyte	LOD (μ g/g)	LOQ (μ g/g)	Action Limit (μ g/g)	Results (μ g/g)	
Arsenic 75	0.050	0.100	0.200	ND	PASS
Cadmium 111	0.050	0.100	0.200	ND	PASS
Lead 208	0.050	0.100	0.500	ND	PASS
Mercury 202	0.005	0.010	0.100	<LOQ	PASS

Microbials Analysis PASS

Analytical Technique: **Colorimetric Microarray**
 Instrumentation: **SensoSpot**
 Method: **SOP-006**
 Analysis Performed: **08/05/22**
 Panel Completed: **08/05/22**

Analyte	Action Limit	Results	
Aspergillus flavus	Detected in 1 gram	ND	PASS
Aspergillus fumigatus	Detected in 1 gram	ND	PASS
Aspergillus niger	Detected in 1 gram	ND	PASS
Aspergillus terreus	Detected in 1 gram	ND	PASS
Salmonella spp.	Detected in 1 gram	ND	PASS
Escherichia coli (STEC)	Detected in 1 gram	ND	PASS

Mycotoxins Analysis PASS

Analytical Technique: **HPLC-MS/MS**
 Instrumentation: **5500**
 Method: **SOP-003**
 Analysis Performed: **08/04/22**
 Panel Completed: **08/05/22**

Analyte	LOD (μ g/kg)	LOQ (μ g/kg)	Action Limit (μ g/kg)	Results (μ g/kg)	
Ochratoxin A	4.040	10.100	20	ND	PASS
Total Aflatoxins	-	-	20	ND	PASS
(Aflatoxin B1)	2.020	4.040	-	ND	
(Aflatoxin B2)	2.020	4.040	-	ND	
(Aflatoxin G1)	2.020	4.040	-	ND	
(Aflatoxin G2)	2.020	4.040	-	ND	

Foreign Material Analysis PASS

Analytical Technique: **Digital Microscopy**
 Instrumentation: **HM16**
 Method: **SOP-010**
 Analysis Performed: **08/03/22**
 Panel Completed: **08/03/22**

Analyte	Action Limit	Results	
Sand, Soil, Cinders, or Dirt	> 1/4 total sample area	ND	PASS
Mold	> 1/4 total sample area	ND	PASS
Insect Fragments, Hairs, or Mammalian Excreta	> 1 count per 3.0 grams	ND	PASS
Imbedded Foreign Material	> 1/4 total sample area	ND	PASS

Water Activity Analysis PASS

Analytical Technique: **Vapor Pressure Ratio**
 Instrumentation: **HC2**
 Method: **SOP-007**
 Analysis Performed: **08/04/22**
 Panel Completed: **08/04/22**

Analyte	Detection Range (a_w)	Action Limit (a_w)	Results (a_w)	
Water Activity	0.25 - 1.0	0.65	0.4989	PASS

Moisture Content Analysis TESTED

Analytical Technique: **Thermogravimetry**
 Instrumentation: **SMART 6**
 Method: **SOP-008**
 Analysis Performed: **08/04/22**
 Panel Completed: **08/04/22**

Analyte	LOD (%)	Results (%)
Moisture Content	1.00	13.32



Chemical Residues Analysis
PASS

Analytical Technique: **HPLC-MS/MS**
 Instrumentation: **5500**
 Method: **SOP-003**
 Analysis Performed: **08/04/22**
 Panel Completed: **08/05/22**

Analyte	LOD (µg/g)	LOQ(µg/g)	Action Limit (µg/g)	Results (µg/g)	
Abamectin	0.0333	0.1000	0.10	ND	PASS
Acephate	0.0333	0.1000	0.10	ND	PASS
Acequinocyl	0.0333	0.1000	0.10	ND	PASS
Acetamiprid	0.0333	0.1000	0.10	ND	PASS
Aldicarb	0.0333	0.1000	>LOD	ND	PASS
Azoxystrobin	0.0333	0.1000	0.10	ND	PASS
Bifenazate	0.0333	0.1000	0.10	ND	PASS
Bifenthrin	0.0333	0.1000	3.00	ND	PASS
Boscalid	0.0333	0.1000	0.10	ND	PASS
Carbaryl	0.0333	0.1000	0.50	ND	PASS
Carbofuran	0.0333	0.1000	>LOD	ND	PASS
Chlorantraniliprole	0.0333	0.1000	10.00	ND	PASS
Chlorpyrifos	0.0333	0.1000	>LOD	ND	PASS
Clofentezine	0.0333	0.1000	0.10	ND	PASS
Coumaphos	0.0333	0.1000	>LOD	ND	PASS
Daminozide	0.0333	0.1000	>LOD	ND	PASS
Diazinon	0.1000	0.1000	0.10	ND	PASS
Dichlorvos	0.0333	0.1000	>LOD	ND	PASS
Dimethoate	0.0333	0.1000	>LOD	ND	PASS
Dimethomorph	0.0333	0.1000	2.00	ND	PASS
Ethoprophos	0.0333	0.1000	>LOD	ND	PASS
Etofenprox	0.0333	0.1000	>LOD	ND	PASS
Etoxazole	0.0333	0.1000	0.10	ND	PASS
Fenhexamid	0.0333	0.1000	0.10	ND	PASS
Fenoxycarb	0.0333	0.1000	>LOD	ND	PASS
Fenpyroximate	0.0333	0.1000	0.10	ND	PASS
Fipronil	0.0333	0.1000	>LOD	ND	PASS
Flonicamid	0.0333	0.1000	0.10	ND	PASS
Fludioxonil	0.0333	0.1000	0.10	ND	PASS
Hexythiazox	0.0333	0.1000	0.10	ND	PASS
Imazalil	0.0333	0.1000	>LOD	ND	PASS
Imidacloprid	0.0333	0.1000	5.00	ND	PASS
Kresoxim-Methyl	0.0333	0.1000	0.10	ND	PASS
Malathion	0.0333	0.1000	0.50	ND	PASS
Metalaxyl	0.0333	0.1000	2.00	ND	PASS
Methiocarb	0.0333	0.1000	>LOD	ND	PASS
Methomyl	0.0333	0.1000	1.00	ND	PASS
Mevinphos	0.0333	0.1000	>LOD	ND	PASS
Myclobutanil	0.0333	0.1000	0.10	ND	PASS
Naled	0.0333	0.1000	0.10	ND	PASS
Oxamyl	0.0333	0.1000	0.50	ND	PASS
Paclobutrazol	0.0333	0.1000	0.00	ND	PASS
Permethrin	0.0333	0.1000	0.50	ND	PASS
Phosmet	0.0333	0.1000	0.10	ND	PASS
Piperonyl Butoxide	0.0333	0.1000	3.00	ND	PASS
Prallethrin	0.0333	0.1000	0.10	ND	PASS
Propiconazole	0.0333	0.1000	0.10	ND	PASS
Propoxur	0.0333	0.1000	0.00	ND	PASS
Pyrethrins	0.0333	0.1000	0.50	ND	PASS
Pyridaben	0.0333	0.1000	0.10	ND	PASS
Spinetoram	0.0333	0.1000	0.10	ND	PASS
Spinosad	0.0333	0.1000	0.10	ND	PASS
Spiromesifen	0.0333	0.1000	0.10	ND	PASS
Spirotetramat	0.0333	0.1000	0.10	ND	PASS
Spiroxamine	0.0333	0.1000	0.00	ND	PASS
Tebuconazole	0.0333	0.1000	0.10	ND	PASS
Thiacloprid	0.0333	0.1000	0.00	ND	PASS
Thiamethoxam	0.0333	0.1000	5.00	ND	PASS
Trifloxystrobin	0.0333	0.1000	0.10	ND	PASS
Captan	0.2310	0.7000	0.70	ND	PASS
Chlordane	0.0116	0.0350	>LOD	ND	PASS
Chlorfenapyr	0.0058	0.0175	>LOD	ND	PASS
Cyfluthrin	0.0231	0.0700	2.00	ND	PASS
Cypermethrin	0.0231	0.0700	1.00	ND	PASS
Methyl Parathion	0.0058	0.0175	>LOD	ND	PASS
Pentachloronitrobenzene	0.0231	0.0700	0.10	ND	PASS

Analytical Technique: **GC-MS/MS**
 Instrumentation: **8050**
 Method: **SOP-003**
 Analysis Performed: **08/04/22**
 Panel Completed: **08/05/22**

