

Ape Freeze - Bulk Flower

Overall Batch Result **PASS**



Total THC
28.2473%

Total CBD
0.1488%

Water Activity
0.4609 a_w

Total Cannabinoids
31.0940%

Sum Cannabinoids
34.3248%

Moisture Content
11.58%

Batch

Lot / Batch: **AFAFR-080222**
Source UID: **1A406030000A2BE000007416**
Package UID: **1A406030000A2BE000007681**

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: **1922040**
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: **34.3248%**, **343.248 mg/g**
 Total Cannabinoids: **31.0940%**, **310.940 mg/g**
 Total THC: **28.2473%**, **282.473 mg/g**
 Total CBD: **0.1488%**, **1.488 mg/g**

Sum Cannabinoids = Acidic Cannabinoids + Neutral Cannabinoids

Analyte	LOD (mg/g)	LOQ (mg/g)	Results (mg/g)	Results (%)
Cannabidiol (CBDV)	0.1897	0.3794	ND	ND
Cannabidiolic Acid (CBDA)	0.1897	0.3794	0.502	0.0502
Cannabigerolic Acid (CBGA)	0.1897	0.3794	13.943	1.3943
Cannabigerol (CBG)	0.1897	0.3794	2.344	0.2344
Cannabidiol (CBD)	0.1897	0.3794	1.048	0.1048
Tetrahydrocannabivarin (THCV)	0.1897	0.3794	10.563	1.0563
Cannabinol (CBN)	0.1897	0.3794	ND	ND
$\Delta 9$ -Tetrahydrocannabinol ($\Delta 9$ -THC)	0.1897	0.3794	64.780	6.4780
$\Delta 8$ -Tetrahydrocannabinol ($\Delta 8$ -THC)	0.1897	0.3794	ND	ND
Cannabichromene (CBC)	0.1897	0.3794	1.844	0.1844
$\Delta 9$ -Tetrahydrocannabinolic Acid ($\Delta 9$ -THCA)	0.1897	0.3794	248.224	24.8224

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

Total THC = (THCA x 0.877) + $\Delta 9$ -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	0.011	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	
<i>Aspergillus flavus</i>	Detected in 1 gram	ND	PASS
<i>Aspergillus fumigatus</i>	Detected in 1 gram	ND	PASS
<i>Aspergillus niger</i>	Detected in 1 gram	ND	PASS
<i>Aspergillus terreus</i>	Detected in 1 gram	ND	PASS
<i>Salmonella</i> spp.	Detected in 1 gram	ND	PASS
<i>Escherichia coli</i> (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	0.4609	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	11.58



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**

