



# Certificate of Analysis



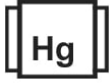







Sample: TE40321001-011  
 Harvest/Lot ID: FP102  
 Batch#: CAZ2428B-GDP-B  
 Batch Date: 03/21/24  
 Sample Size Received: 36.73 gram  
 Total Amount: 7 gram  
 Retail Product Size: 7 gram  
 Retail Serving Size: 7 gram  
 Servings: 1  
 Ordered: 03/21/24  
 Sampled: 03/21/24  
 Completed: 03/27/24


**PASSED**

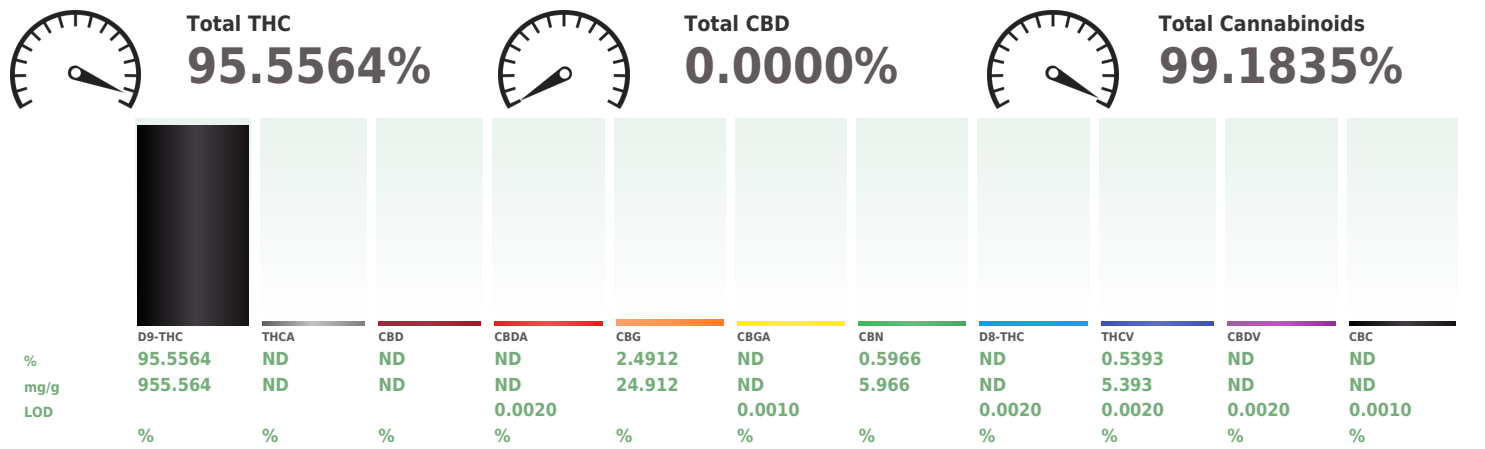
Pages 1 of 5

Mar 27, 2024 | Curaleaf\_AZ  
 License # 00000053DCXB00858835  
 3333 S Central Ave  
 Phoenix, AZ, 85040, US



PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides <b>PASSED</b>	 Heavy Metals <b>PASSED</b>	 Microbials <b>PASSED</b>	 Mycotoxins <b>PASSED</b>	 Residuals Solvents <b>PASSED</b>	 Filtration NOT TESTED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Terpenes NOT TESTED

 **Cannabinoid** **PASSED**



Analyzed by: 312, 272, 299      Weight: 0.1719g      Extraction date: 03/22/24 19:37:10      Extracted by: 312

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031  
 Analytical Batch : TE004291POT      Reviewed On : 03/27/24 15:42:28  
 Instrument Used : TE-005 "Lady Jessica" (Concentrates)      Batch Date : 03/22/24 18:22:29  
 Analyzed Date : N/A

Dilution : 800  
 Reagent : 022024.20; 032024.R01; 032124.R15; 022224.R09; 110223.R03  
 Consumables : 9479291.100; 00333720-5; 1008439554; 112023CH01; 728914- G23536; 210725-598-D; GD220011  
 Pipette : TE-056 SN:21D58687; TE-065 SN:20B18327 (100-1000uL); TE-164 SN: 21H24198 (Isopropanol)

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with Photo Diode Array detector (HPLC-PDA) for analysis. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.031 for sample prep, SOP.T.40.031 for analysis on Shimadzu LC-20X0 series HPLCs). Potency results for cannabis flower products are reported on an "as received" basis, without moisture correction.

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**Ariel Gonzales**  
 Lab Director

State License #  
 00000024LCMD66604568  
 ISO 17025 Accreditation # 97164



Signature  
 03/27/24



# Certificate of Analysis

**PASSED**

Curaleaf\_AZ

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Email: christopher.paternoster@curaleaf.com  
License #: 00000053DCXB00858835

Sample : TE40321001-011  
Harvest/Lot ID: FP102  
Batch #: CAZ2428B-GDP-B  
Sampled : 03/21/24  
Ordered : 03/21/24

Sample Size Received : 36.73 gram  
Total Amount : 7 gram  
Completed : 03/27/24 Expires: 03/27/25  
Sample Method : SOP Client Method

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## Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
AVERMECTINS (ABAMECTIN B1A)	0.0170	ppm	0.5	PASS	ND	TOTAL SPINOSAD	0.0060	ppm	0.2	PASS	ND
ACEPHATE	0.0100	ppm	0.4	PASS	ND	SPIROMESIFEN	0.0080	ppm	0.2	PASS	ND
ACETAMIPRID	0.0050	ppm	0.2	PASS	ND	SPIROTETRAMAT	0.0060	ppm	0.2	PASS	ND
ALDICARB	0.0140	ppm	0.4	PASS	ND	SPIROXAMINE	0.0040	ppm	0.4	PASS	ND
AZOXYSTROBIN	0.0050	ppm	0.2	PASS	ND	TEBUCONAZOLE	0.0040	ppm	0.4	PASS	ND
BIFENAZATE	0.0060	ppm	0.2	PASS	ND	THIACLOPRID	0.0060	ppm	0.2	PASS	ND
BIFENTHRIN	0.0050	ppm	0.2	PASS	ND	THIAMETHOXAM	0.0060	ppm	0.2	PASS	ND
BOSCALID	0.0050	ppm	0.4	PASS	ND	TRIFLOXYSTROBIN	0.0060	ppm	0.2	PASS	ND
CARBARYL	0.0080	ppm	0.2	PASS	ND	CHLORFENAPYR *	0.0270	ppm	1	PASS	ND
CARBOFURAN	0.0050	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.0150	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.0110	ppm	0.2	PASS	ND						
CHLORPYRIFOS	0.0050	ppm	0.2	PASS	ND						
CLOFENTHEZINE	0.0100	ppm	0.2	PASS	ND						
CYPERMETHRIN	0.1000	ppm	1	PASS	ND						
DIAZINON	0.0060	ppm	0.2	PASS	ND						
DAMINOZIDE	0.0100	ppm	1	PASS	ND						
DICHLORVOS (DDVP)	0.0010	ppm	0.1	PASS	ND						
DIMETHOATE	0.0060	ppm	0.2	PASS	ND						
ETHOPROPHOS	0.0040	ppm	0.2	PASS	ND						
ETOFENPROX	0.0060	ppm	0.4	PASS	ND						
ETOXAZOLE	0.0040	ppm	0.2	PASS	ND						
FENOXICARB	0.0050	ppm	0.2	PASS	ND						
FENPROXIMATE	0.0040	ppm	0.4	PASS	ND						
FIPRONIL	0.0060	ppm	0.4	PASS	ND						
FLONICAMID	0.0090	ppm	1	PASS	ND						
FLUDIOXONIL	0.0060	ppm	0.4	PASS	ND						
HEXYTHIAZOX	0.0050	ppm	1	PASS	ND						
IMAZALIL	0.0110	ppm	0.2	PASS	ND						
IMIDACLOPRID	0.0080	ppm	0.4	PASS	ND						
KRESOXIM-METHYL	0.0070	ppm	0.4	PASS	ND						
MALATHION	0.0070	ppm	0.2	PASS	ND						
METALAXYL	0.0040	ppm	0.2	PASS	ND						
METHIOCARB	0.0040	ppm	0.2	PASS	ND						
METHOMYL	0.0050	ppm	0.4	PASS	ND						
MYCLOBUTANIL	0.0100	ppm	0.2	PASS	ND						
NALED	0.0070	ppm	0.5	PASS	ND						
OXAMYL	0.0080	ppm	1	PASS	ND						
PACLOBUTRAZOL	0.0050	ppm	0.4	PASS	ND						
TOTAL PERMETHRINS	0.0030	ppm	0.2	PASS	ND						
PHOSMET	0.0100	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	0.0050	ppm	2	PASS	ND						
PRALLETHRIN	0.0130	ppm	0.2	PASS	ND						
PROPRICONAZOLE	0.0050	ppm	0.4	PASS	ND						
PROPOXUR	0.0050	ppm	0.2	PASS	ND						
TOTAL PYRETHRINS	0.0010	ppm	1	PASS	ND						
PYRIDABEN	0.0040	ppm	0.2	PASS	ND						

**Analyzed by:** 152, 39, 272, 299      **Weight:** 0.5079g      **Extraction date:** 03/22/24 15:48:26      **Extracted by:** 152  
**Analysis Method:** SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ  
**Analytical Batch:** TE004287PES  
**Instrument Used:** TE-118 \*MS/MS Pest/Myco 1\*, TE-261 \*UHPLC - Pest/Myco 2\*      **Reviewed On:** 03/27/24 16:15:15  
**Analyzed Date:** 03/25/24 13:26:22      **Batch Date:** 03/22/24 14:41:21  
**Dilution:** 25  
**Reagent:** 031424.R02; 030424.R18; 030824.R10; 020124.R16; 031824.R07; 031524.R16; 031424.R10; 032024.R15; 041823.06; 032524.R31; 032224.R16  
**Consumables:** 9479291.100; 00334980-5; 34623011; 728914-G23536; 210725-598-D; GD220011; XRODH506  
**Pipette:** TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)  
 Pesticide screening is carried out using LC-MS/MS supplemented by GC-MS/MS for volatile pesticides. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC).  
**Analyzed by:** 152, 39, 272, 299      **Weight:** 0.5079g      **Extraction date:** 03/22/24 15:48:26      **Extracted by:** 152  
**Analysis Method:** SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ  
**Analytical Batch:** TE004305VOL  
**Instrument Used:** TE-118 \*MS/MS Pest/Myco 1\*, TE-261 \*UHPLC - Pest/Myco 2\*      **Reviewed On:** 03/27/24 16:20:14  
**Analyzed Date:** 03/25/24 14:01:32      **Batch Date:** 03/25/24 14:00:32  
**Dilution:** 25  
**Reagent:** 031424.R02; 030424.R18; 030824.R10; 020124.R16; 031824.R07; 031524.R16; 031424.R10; 032024.R15; 041823.06; 032524.R31; 032224.R16  
**Consumables:** 9479291.100; 00334980-5; 34623011; 728914-G23536; 210725-598-D; GD220011; XRODH506  
**Pipette:** TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)  
 Supplemental pesticide screening using GC-MS/MS to quantitatively screen for Chlorfenapyr, Cyfluthrin, Cypermethrin, and Diazinon; as well as the qualitative confirmation of Dichlorvos, Permethrins, Piperonyl Butoxide, Prallethrin, Propiconazole, Pyrethrins, and Tebuconazole which are all quantitatively screened using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.154.AZ for analysis using a ThermoScientific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).

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**Ariel Gonzales**  
Lab Director

State License #  
00000024LCMD66604568  
ISO 17025 Accreditation # 97164

Signature  
03/27/24



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 Tempe, AZ, 85284, US  
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Kaycha Labs

.....  
 GDP Select B Distillate  
 GDP  
 Matrix : Concentrate  
 Type: Distillate



# Certificate of Analysis

**PASSED**

Curaleaf\_AZ

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 Phoenix, AZ, 85040, US  
 Telephone: (602) 842-0020  
 Email: christopher.paternoster@curaleaf.com  
 License #: 0000053DCXB00858835

Sample : TE40321001-011  
 Harvest/Lot ID: FP102

Batch#: CAZ2428B-GDP-B  
 Sampled : 03/21/24  
 Ordered : 03/21/24

Sample Size Received : 36.73 gram  
 Total Amount : 7 gram  
 Completed : 03/27/24 Expires: 03/27/25  
 Sample Method : SOP Client Method

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## Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
BUTANES	168.2000	ppm	5000	PASS	ND
METHANOL	87.7000	ppm	3000	PASS	ND
PENTANES	163.9000	ppm	5000	PASS	ND
ETHANOL	142.2000	ppm	5000	PASS	ND
ETHYL ETHER	193.1000	ppm	5000	PASS	ND
ACETONE	37.6000	ppm	1000	PASS	ND
2-PROPANOL	156.2000	ppm	5000	PASS	ND
ACETONITRILE	12.2000	ppm	410	PASS	ND
DICHLOROMETHANE	22.7000	ppm	600	PASS	ND
HEXANES	8.4000	ppm	290	PASS	ND
ETHYL ACETATE	179.0000	ppm	5000	PASS	ND
CHLOROFORM	2.4100	ppm	60	PASS	ND
BENZENE	0.1150	ppm	2	PASS	ND
ISOPROPYL ACETATE	168.6000	ppm	5000	PASS	ND
HEPTANE	152.8000	ppm	5000	PASS	ND
TOLUENE	26.2000	ppm	890	PASS	ND
XYLENES	53.2000	ppm	2170	PASS	ND

Analyzed by: 331, 334, 272, 299	Weight: 0.0211g	Extraction date: 03/22/24 12:34:30	Extracted by: 331
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Analysis Method : SOP.T.40.044.AZ  
 Analytical Batch : TE004282SOL  
 Instrument Used : TE-092 "GC - Solvents 1", TE-095 "MS - Solvents 1", TE-098 "Injector - Solvents 1", TE-100 "HS - Solvents 1", TE-113 "Vacuum Pump - Solvents 1"  
 Analyzed Date : 03/22/24 12:51:48  
 Reviewed On : 03/27/24 15:40:14  
 Batch Date : 03/22/24 12:31:30

Dilution : N/A  
 Reagent : 111023.02  
 Consumables : H109203-1; 428752; 31723; GD220011  
 Pipette : N/A

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. (Method: SOP.T.40.044.AZ for sample prep and analysis via ThermoScientific 1310-series GC equipped with a TriPlus 500 Headspace autosampler and detection carried out by ISQ7000-series mass spectrometer). Butanes are reported as the sum of n-Butane and Isobutane. Pentanes are reported as the sum of n-Pentane, Isopentane, and Neopentane. Hexanes are reported as the sum of n-Hexane, 2-Methylpentane, 3-Methylpentane, 2,2-Dimethylbutane, and 2,3-Dimethylbutane. Xylenes are reported as the sum of Ethyl Benzene, m-Xylene, p-Xylene, and o-Xylene.

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**Ariel Gonzales**

Lab Director

State License #  
 0000024LCMD66604568  
 ISO 17025 Accreditation # 97164

Signature  
 03/27/24



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**PASSED**


Curaleaf\_AZ

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Email: christopher.paternoster@curaleaf.com  
License #: 00000053DCXB00858835

Sample : TE40321001-011  
Harvest/Lot ID: FP102  
Batch#: CAZ2428B-GDP-B  
Sample Size Received : 36.73 gram  
Total Amount : 7 gram  
Completed : 03/27/24 Expires: 03/27/25  
Ordered : 03/21/24  
Sample Method : SOP Client Method

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 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Mycotoxins</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP			Not Present in 1g	PASS		TOTAL AFLATOXINS	1.4870	ppb	ND	PASS	20
ASPERGILLUS FLAVUS			Not Present in 1g	PASS		AFLATOXIN B1	1.4700	ppb	ND	PASS	20
ASPERGILLUS FUMIGATUS			Not Present in 1g	PASS		AFLATOXIN B2	1.8000	ppb	ND	PASS	20
ASPERGILLUS NIGER			Not Present in 1g	PASS		AFLATOXIN G1	1.9000	ppb	ND	PASS	20
ASPERGILLUS TERREUS			Not Present in 1g	PASS		AFLATOXIN G2	3.2500	ppb	ND	PASS	20
ESCHERICHIA COLI REC	10.0000	CFU/g	<10	PASS	100	OCHRATOXIN A	4.6100	ppb	ND	PASS	20
<b>Analyzed by:</b> 87, 272, 299	<b>Weight:</b> 0.9785g	<b>Extraction date:</b> 03/21/24 18:39:04	<b>Extracted by:</b> 331,87			<b>Analyzed by:</b> 152, 39, 272, 299	<b>Weight:</b> 0.5079g	<b>Extraction date:</b> 03/22/24 15:48:26	<b>Extracted by:</b> 152		
<b>Analysis Method :</b> SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ						<b>Analysis Method :</b> SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ					
<b>Analytical Batch :</b> TE004274MIC						<b>Analytical Batch :</b> TE004304MYC					
<b>Instrument Used :</b> TE-234 "bioMerieux GENE-UP"						<b>Instrument Used :</b> N/A					
<b>Analyzed Date :</b> N/A						<b>Analyzed Date :</b> 03/25/24 14:00:23					
<b>Dilution :</b> 10						<b>Dilution :</b> 25					
<b>Reagent :</b> 021624.18; 022924.01; 022924.04; 112223.47; 112223.51; 010424.29; 013024.11; 022924.12; 022924.16; 102523.74; 102523.75; 051923.25; 032024.R14						<b>Reagent :</b> 031424.R02; 030424.R18; 030824.R10; 020124.R16; 031824.R07; 031524.R16; 031424.R10; 032024.R15; 041823.06; 032524.R31; 032224.R16					
<b>Consumables :</b> 33T797; 210616-361-B; 1008439554; 220301-071-B; 34623011; 728914-G23536; 210725-598-D; NT10-1212; X003K27VF3						<b>Consumables :</b> 9479291.100; 00334980-5; 34623011; 728914- G23536; 210725-598-D; GD220011; XRODH506					
<b>Pipette :</b> TE-053 SN:20E78952; TE-057 SN:21D58688; TE-061 SN:20C35454; TE-062 SN:20C50491; TE-066 SN:20D56970; TE-069 SN:21B23920; TE-109 SN:20B18330; TE-107 SN:21G98546; TE-256 Dispensette S Bottle Top Dispenser SN:20G36073; TE-258						<b>Pipette :</b> TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)					

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC	0.0030	ppm	ND	PASS	0.4
CADMIUM	0.0020	ppm	ND	PASS	0.4
MERCURY	0.0125	ppm	ND	PASS	0.2
LEAD	0.0010	ppm	ND	PASS	1
<b>Analyzed by:</b> 39, 272, 299	<b>Weight:</b> 0.2014g	<b>Extraction date:</b> 03/25/24 14:20:11	<b>Extracted by:</b> 39,331		
<b>Analysis Method :</b> SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ					
<b>Analytical Batch :</b> TE004293HEA					
<b>Instrument Used :</b> TE-051 "Metals Hood", TE-153 "Bill", TE-157 "Bill Pump", TE-156 "Bill Chiller", TE-155 "Bill AS", TE-260 "Ludwig"					
<b>Analyzed Date :</b> N/A					
<b>Dilution :</b> 50					
<b>Reagent :</b> 101723.13; 032124.R01; 031424.R01; 111023.02; 091123.04; 031023.05					
<b>Consumables :</b> 34623011; 728914- G23536; 210725-598-D; GD220011					
<b>Pipette :</b> TE-110 SN:20B18338 (100-1000uL); TE-169 SN: 20B16352 (Nitric Acid)					
Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.084.AZ for sample prep by microwave digestion, and SOP.T.40.084.AZ for analysis by ThermoScientific iCAP RQ ICP-MS).					





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Kaycha Labs

.....  
GDP Select B Distillate  
GDP  
Matrix : Concentrate  
Type: Distillate



# Certificate of Analysis

**PASSED**

Curaleaf\_AZ

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Email: christopher.paternoster@curaleaf.com  
License # : 00000053DCXB00858835

Sample : TE40321001-011  
Harvest/Lot ID: FP102  
Batch# : CAZ2428B-GDP-B  
Sampled : 03/21/24  
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Sample Size Received : 36.73 gram  
Total Amount : 7 gram  
Completed : 03/27/24 Expires: 03/27/25  
Sample Method : SOP Client Method

Page 5 of 5

## COMMENTS

\* Confident Cannabis sample ID: 2403KLAZ0187.0825



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