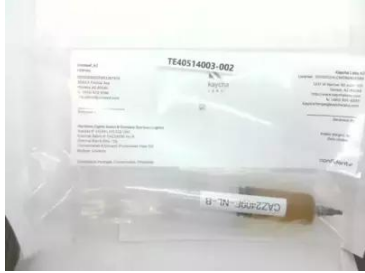




Certificate of Analysis



Sample: TE40514003-002
 Batch#: CAZ2409E-NL-B
 Batch Date: 05/14/24
 Sample Size Received: 40.16 gram
 Total Amount: 7 gram
 Retail Product Size: 12 gram
 Retail Serving Size: 12 gram
 Servings: 1
 Ordered: 05/13/24
 Sampled: 05/14/24
 Sample Collection Time: 03:45 PM
 Completed: 05/17/24

May 17, 2024 | Curaleaf_AZ
 License # 00000058ESFA63267513
 3333 S Central Ave
 Phoenix, AZ, 85040, US



PASSED

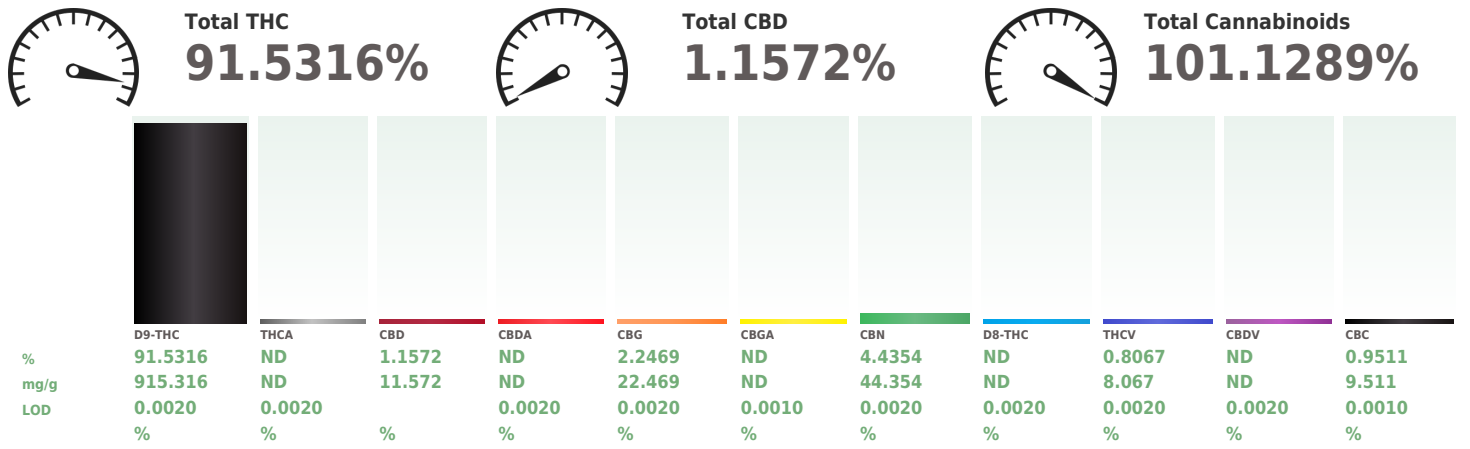
Pages 1 of 6

SAFETY RESULTS

 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents PASSED	 Filtration NOT TESTED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Terpenes NOT TESTED
--	--	--	--	--	---	--	--	--

MISC.

 **Cannabinoid** **PASSED**



Analyzed by: 312, 272, 331 Weight: 0.1657g Extraction date: 05/16/24 12:40:00 Extracted by: 312

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
 Analytical Batch : TE004733POT Reviewed On : 05/17/24 13:50:50
 Instrument Used : TE-005 "Lady Jessica" (Concentrates) Batch Date : 05/15/24 16:11:25
 Analyzed Date : 05/16/24 12:36:59

Dilution : 800
 Reagent : N/A
 Consumables : N/A
 Pipette : N/A

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
 05/17/24



Certificate of Analysis

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Curaleaf_AZ


3333 S Central Ave
Phoenix, AZ, 85040, US
Telephone: (602) 842-0020
Email: christopher.paternoster@curaleaf.com
License #: 0000058ESFA63267513

Sample : TE40514003-002

Batch#: CAZ2409E-NL-B
Sampled : 05/14/24
Ordered : 05/14/24

Sample Size Received : 40.16 gram
Total Amount : 7 gram
Completed : 05/17/24 Expires: 05/17/25
Sample Method : SOP Client Method

Page 2 of 6



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	Analyzed by: Weight: 0.4993g 152, 272, 331 Extraction date: 05/15/24 18:25:14 Extracted by: 152 Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch : TE004726PES Reviewed On : 05/16/24 15:47:34 Instrument Used : TE-118 *MS/MS Pest/Myco 1*, TE-261 *UHPLC - Pest/Myco 2* Batch Date : 05/15/24 13:22:47 Analyzed Date : 05/15/24 20:01:48					
CHLORPYRIFOS	0.0050	ppm	0.2	PASS	ND	Dilution : 25 Reagent : 050924.R16; 050924.R15; 042424.R38; 051324.R16; 051024.R13; 050724.R18; 051324.R10; 041823.06 Consumables : 9479291.100; 8000038072; 111423CH01; 220318-306-D; 1008645998; GD220003; 426220-JC Pipette : TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)					
CLOFENTZINE	0.0100	ppm	0.2	PASS	ND	Analyzed by: Weight: 0.4993g 152, 272, 331 Extraction date: 05/15/24 18:25:14 Extracted by: 152 Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ Analytical Batch : TE004738VOL Reviewed On : 05/16/24 15:55:20 Instrument Used : TE-118 *MS/MS Pest/Myco 1*, TE-261 *UHPLC - Pest/Myco 2* Batch Date : 05/15/24 19:01:06 Analyzed Date : 05/15/24 20:01:36					
CYPERMETHRIN	0.1000	ppm	1	PASS	ND	Dilution : 25 Reagent : 050924.R16; 050924.R15; 042424.R38; 051324.R16; 051024.R13; 050724.R18; 051324.R10; 041823.06 Consumables : 9479291.100; 8000038072; 111423CH01; 220318-306-D; 1008645998; GD220003; 426220-JC Pipette : TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)					
DIAZINON	0.0060	ppm	0.2	PASS	ND	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).					
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						
FENOXYPYRIFOS	0.0050	ppm	0.2	PASS	ND						
FENPYROXIMATE	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						
HEXTHIAZOX	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						
PROPICONAZOLE	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						

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Ariel Gonzales

Lab Director

State License #
0000024LCMD66604568
ISO 17025 Accreditation # 97164

Signature
05/17/24



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Curaleaf_AZ


 3333 S Central Ave
 Phoenix, AZ, 85040, US
 Telephone: (602) 842-0020
 Email: christopher.paternoster@curaleaf.com
 License #: 0000058ESFA63267513

Sample : TE40514003-002

 Batch# : CAZ2409E-NL-B
 Sampled : 05/14/24
 Ordered : 05/14/24

 Sample Size Received : 40.16 gram
 Total Amount : 7 gram
 Completed : 05/17/24 Expires: 05/17/25
 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: 334, 272, 331	Weight: 0.0216g	Extraction date: 05/16/24 11:03:52	Extracted by: 334
-------------------------------	--------------------	---------------------------------------	----------------------

Analysis Method : SOP.T.40.044.AZ
 Analytical Batch : TE004716SOL
 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"
 Reviewed On : 05/17/24 13:32:13
 Batch Date : 05/15/24 11:12:05

Analyzed Date : 05/16/24 11:38:45

Dilution : N/A

Reagent : 111023.02; 032023.04; 041224.18

Consumables : H109203-1; 429651; 0093980; GD23001

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, and 2,3-Dimethylbutane. Xylenes are reported as the sum of Ethyl Benzene, m-Xylene, p-Xylene, and o-Xylene.



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Phoenix, AZ, 85040, US
Telephone: (602) 842-0020
Email: christopher.paternoster@curaleaf.com
License #: 00000058ESFA63267513

Sample : TE40514003-002


Batch#: CAZZ409E-NL-B
Sampled : 05/14/24
Ordered : 05/14/24

Sample Size Received : 40.16 gram
Total Amount : 7 gram
Completed : 05/17/24 Expires: 05/17/25
Sample Method : SOP Client Method

Page 4 of 6

 Microbial PASSED						 Mycotoxins PASSED					
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
Analyzed by: 331, 272 Weight: 0.9704g Extraction date: 05/15/24 12:17:38 Extracted by: 331,87						Analyzed by: 152, 272, 331 Weight: 0.4993g Extraction date: 05/15/24 18:25:14 Extracted by: 152					
Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ Analytical Batch : TE004717MIC Instrument Used : N/A Analyzed Date : N/A Dilution : 10 Reagent : N/A Consumables : N/A Pipette : N/A						Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch : TE004737MYC Instrument Used : N/A Analyzed Date : 05/15/24 20:01:26 Dilution : 25 Reagent : 050924.R16; 050924.R15; 042424.R38; 051324.R16; 051024.R13; 050724.R18; 051324.R10; 041823.06 Consumables : 9479291.100; 8000038072; 111423CH01; 220318-306-D; 1008645998; GD220003; 426220-JC Pipette : TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)					

Aflatoxins B1, B2, G1, G2, and Ochratoxin A analysis using LC-MS/MS. (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 TSO with Vanquish UHPLC). Total Aflatoxins (sum of Aflatoxins B1, B2, G1, G2) must be <20µg/kg. Ochratoxin must be <20µg/kg.

 Heavy Metals PASSED					
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				
Analyzed by: 331, 398, 272 Weight: 0.1916g Extraction date: 05/16/24 13:50:56 Extracted by: 331					
Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ Analytical Batch : TE004742HEA Instrument Used : TE-141 "Wolfgang", TE-153 "Bill", TE-157 "Bill Pump", TE-156 "Bill Chiller", TE-260 "Ludwig" Analyzed Date : 05/16/24 16:11:07 Dilution : 50 Reagent : 101723.13; 051524.R08; 032724.01; 042224.R01 Consumables : 111423CH01; 220318-306-D; 210725-598-D; GD23001 Pipette : TE-063 SN:20C50490 (20-200uL); 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).



1231 W. Warner Road, Suite 105
Tempe, AZ, 85284, US
(480) 220-4470

Kaycha Labs

Northern Lights Select B Distillate
Northern Lights
Matrix : Concentrate
Type: Distillate



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Curaleaf_AZ

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Phoenix, AZ, 85040, US
Telephone: (602) 842-0020
Email: christopher.paternoster@curaleaf.com
License #: 00000058ESFA63267513

Sample : TE40514003-002

Batch# : CAZ2409E-NL-B
Sampled : 05/14/24
Ordered : 05/14/24

Sample Size Received : 40.16 gram
Total Amount : 7 gram
Completed : 05/17/24 Expires: 05/17/25
Sample Method : SOP Client Method

Page 5 of 6

COMMENTS

* Confident Cannabis sample ID: 2405KLAZ0322.1365



- * Pesticide TE40514003-002PES
 - 1 - M2: Bifenthrin.
- * Cannabinoid TE40514003-002POT
 - 1 - M1: CBD; V1: D9-THC
- * Residual TE40514003-002SOL
 - 1 - M2 - n-Hexane, o-Xylene M1- Acetonitrile
- * Volatile Pesticides TE40514003-002VOL
 - 1 - M2: Chlorfenapyr.

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Ariel Gonzales

Lab Director

State License #
0000024LCMD66604568
ISO 17025 Accreditation # 97164

Signature
05/17/24



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Kaycha Labs

Northern Lights Select B Distillate
Northern Lights
Matrix : Concentrate
Type: Distillate



Certificate of Analysis

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Sample : TE40514003-002

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Page 6 of 6

COMMENTS

* Confident Cannabis sample ID: 2405KLAZ0322.1365



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05/17/24