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

Kaycha Labs

Lemon Cheesecake Select B Distillate
Lemon Cheesecake
Matrix: Concentrate
Type: Distillate

Certificate of Analysis

Sample:TE31108001-009
Batch#: CAZ2307K-LMC-B
Source Facility : 3333 S Central Avenue
Batch Date: 11/08/23
Sample Size Received: 29.13 gram
Total Amount: 7 gram
Retail Product Size: 12 gram
Ordered: 11/08/23
Sampled: 11/08/23
Completed: 11/10/23

Nov 10, 2023 | Curaleaf_AZ
License # 00000053DCXB00858835
3333 S Central Ave
Phoenix, AZ, 85040, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED

MISC.

Terpenes
NOT TESTED

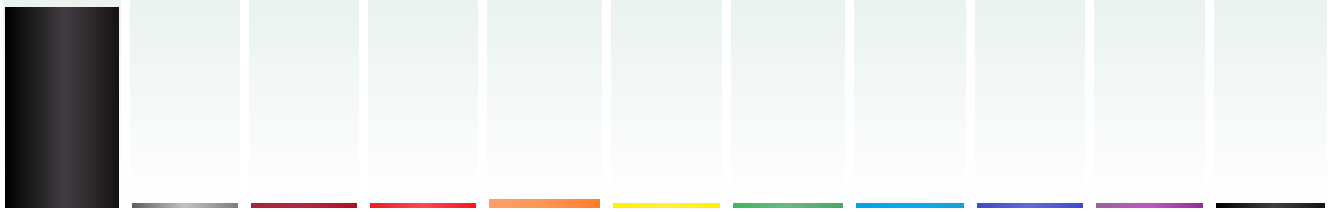
Cannabinoid

PASSED

Total THC
87.6040%

Total CBD
ND

Total Cannabinoids
93.3283%



	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	CBDV	THCV	CBC
%	87.6040	ND	ND	ND	3.7549	ND	1.4751	ND	ND	ND	0.4943
mg/g	876.040	ND	ND	ND	37.549	ND	14.751	ND	ND	ND	4.943
LOD	0.0020 %	0.0020 %	0.0020 %	0.0020 %	0.0020 %	0.0010 %	0.0010 %	0.0020 %	0.0020 %	0.0020 %	0.0010 %

Analyzed by: 121, 312
Weight: 0.1691g
Extraction date: 11/08/23 18:17:44
Extracted by: 121

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
Analytical Batch : TE003117POT
Instrument Used : TE-005 "Lady Jessica" (Concentrates)
Analyzed Date : 11/08/23 18:28:01
Reviewed On : 11/09/23 15:09:07
Batch Date : 11/08/23 12:14:25

Dilution : 800
Reagent : 091323.12; 110123.R07; 110123.R06; 100623.R10; 110223.R03
Consumables : 947.084; H109203-1; 00335006-5; 28521042; 210823-1124; 210725-598-D; GD220011
Pipette : TE-059 SN:20A04528 (20-200uL); 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.

Ariel Gonzales
Lab Director

State License #
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ISO 17025 Accreditation # 97164

Signature
11/10/23

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Matrix : Concentrate
Type: Distillate

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Telephone: (602) 842-0020
Email: christopher.paternoster@curaleaf.com
License # : 00000053DCXB00858835

Sample : TE31108001-009
Batch# : CAZ2307K-LMC-B
Sampled : 11/08/23
Ordered : 11/08/23

Sample Size Received : 29.13 gram
Total Amount : 7 gram
Completed : 11/10/23 **Expires:** 11/10/24
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
AVERMECTINS (ABAMECTIN B1A)	0.0170	ppm	0.5	PASS	ND
ACEPHATE	0.0100	ppm	0.4	PASS	ND
ACETAMIPRID	0.0050	ppm	0.2	PASS	ND
ALDICARB	0.0140	ppm	0.4	PASS	ND
AZOXYSTROBIN	0.0050	ppm	0.2	PASS	ND
BIFENAZATE	0.0060	ppm	0.2	PASS	ND
BIFENTHRIN	0.0050	ppm	0.2	PASS	ND
BOSCALID	0.0050	ppm	0.4	PASS	ND
CARBARYL	0.0080	ppm	0.2	PASS	ND
CARBOFURAN	0.0050	ppm	0.2	PASS	ND
CHLORANTRANILIPROLE	0.0110	ppm	0.2	PASS	ND
CHLORPYRIFOS	0.0050	ppm	0.2	PASS	ND
CLOFENTEZINE	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
FENOXYCARB	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
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
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

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL SPINOSAD	0.0060	ppm	0.2	PASS	ND
SPIROMESIFEN	0.0080	ppm	0.2	PASS	ND
SPIROTETRAMAT	0.0060	ppm	0.2	PASS	ND
SPIROXAMINE	0.0040	ppm	0.4	PASS	ND
TEBUCONAZOLE	0.0040	ppm	0.4	PASS	ND
THIACLOPRID	0.0060	ppm	0.2	PASS	ND
THIAMETHOXAM	0.0060	ppm	0.2	PASS	ND
TRIFLOXYSTROBIN	0.0060	ppm	0.2	PASS	ND
CHLORFENAPYR *	0.0270	ppm	1	PASS	ND
CYFLUTHRIN *	0.0150	ppm	1	PASS	ND

Analyzed by: 152, 39, 312 | **Weight:** 0.4972g | **Extraction date:** 11/08/23 15:37:18 | **Extracted by:** 312

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ
Analytical Batch : TE003120PES
Instrument Used : TE-118 "MS/MS Pest/Myco 1",TE-261 "UHPLC - Pest/Myco 2"
Analyzed Date : 11/08/23 18:29:31
Reviewed On : 11/09/23 12:11:43
Batch Date : 11/08/23 13:46:09
Dilution : 25
Reagent : 110723.R07; 110623.R02; 110823.R01; 101123.R02; 110623.R01; 041823.06
Consumables : 947.084; 00334958-5; 00332484-2; 1008443837; 28521042; 210823-1124; 090623; 1008451138; GD220011; 323080IY
Pipette : TE-056 SN:21D58687; 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, 312, 272 | **Weight:** 0.4972g | **Extraction date:** 11/08/23 15:37:18 | **Extracted by:** 312

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ
Analytical Batch : TE003131VOL
Instrument Used : TE-091 "GC - Volatile Pesticides 1",TE-094 "MS/MS - Volatile Pesticides 1"
Analyzed Date : 11/08/23 18:23:47
Reviewed On : 11/09/23 11:23:36
Batch Date : 11/08/23 16:27:53
Dilution : 25
Reagent : 110723.R07; 111921.03; 030623.03
Consumables : 947.084; 00334958-5; 00332484-2; 1008443837; 28521042; 210823-1124; 090623; 1008451138; GD220011; 323080IY
Pipette : TE-056 SN:21D58687; 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 quantitaively 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 ThermoScietific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).

Ariel Gonzales
Lab Director

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Lemon Cheesecake
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Type: Distillate

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

Sample : TE31108001-009
Batch# : CAZ2307K-LMC-B
Sampled : 11/08/23
Ordered : 11/08/23

Sample Size Received : 29.13 gram
Total Amount : 7 gram
Completed : 11/10/23 **Expires:** 11/10/24
Sample Method : SOP Client Method

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:
93, 30, 312, 272

Weight:
0.0221g

Extraction date:
11/08/23 16:44:55

Extracted by:
93

Analysis Method : SOP.T.40.044.AZ
Analytical Batch : TE003122SOL
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 : 11/08/23 14:21:25

Reviewed On : 11/09/23 11:30:14
Batch Date : 11/08/23 14:17:23

Dilution : N/A
Reagent : 013123.03; 051223.03; 032023.03
Consumables : H109203-1; 428251; 19000-1; 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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Lemon Cheesecake
Matrix : Concentrate
Type: Distillate

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Sample : TE31108001-009
Batch# : CAZ2307K-LMC-B
Sampled : 11/08/23
Ordered : 11/08/23

Sample Size Received : 29.13 gram
Total Amount : 7 gram
Completed : 11/10/23 **Expires:** 11/10/24
Sample Method : SOP Client Method

Microbial — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP			Not Present in 1g	PASS	
ASPERGILLUS FLAVUS			Not Present in 1g	PASS	
ASPERGILLUS FUMIGATUS			Not Present in 1g	PASS	
ASPERGILLUS NIGER			Not Present in 1g	PASS	
ASPERGILLUS TERREUS			Not Present in 1g	PASS	
ESCHERICHIA COLI REC	10.0000	CFU/g	<10	PASS	100

Analyzed by: 96, 87, 312
Weight: 0.9324g
Extraction date: 11/10/23 07:10:49
Extracted by: 87,96

Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ
Analytical Batch : TE003116MIC
Instrument Used : TE-234 "bioMerieux GENE-UP"
Analyzed Date : 11/10/23 07:15:31
Reviewed On : 11/10/23 09:01:06
Batch Date : 11/08/23 12:01:25

Dilution : 10
Reagent : 091123.17; 102523.90; 080423.38; 080423.42; 091223.01; 102523.107; 102523.112; 101923.12; 101923.13; 051923.35; 110723.R01
Consumables : 22507; 33T5N9; 210616-361-B; 1008443837; 210715-071; 28521042; 111521CH02; 210823-1124; 1008645998; X0028AKTV1; 6890930; X002E5BZFT
Pipette : TE-053 SN:20E78952; TE-058 SN:20C35427; TE-061 SN:20C35454; TE-062 SN:20C50491; TE-066 SN:20D56970; TE-069 SN:21B23920; TE-109 SN:20B18330; TE-256 Dispensette S Bottle Top Dispenser SN:20G36073; TE-258

Mycotoxins — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL AFLATOXINS	1.4870	ppb	ND	PASS	20
AFLATOXIN B1	1.4700	ppb	ND	PASS	20
AFLATOXIN B2	1.8000	ppb	ND	PASS	20
AFLATOXIN G1	1.9000	ppb	ND	PASS	20
AFLATOXIN G2	3.2500	ppb	ND	PASS	20
OCHRATOXIN A	4.6100	ppb	ND	PASS	20

Analyzed by: 152, 39, 312, 272
Weight: 0.4972g
Extraction date: 11/08/23 15:37:18
Extracted by: 312

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ
Analytical Batch : TE003130MYC
Instrument Used : N/A
Analyzed Date : 11/08/23 18:29:43
Reviewed On : 11/09/23 12:26:26
Batch Date : 11/08/23 16:27:41

Dilution : 25
Reagent : 110723.R07; 110623.R02; 110823.R01; 101123.R02; 110623.R01; 041823.06
Consumables : 947.084; 00334958-5; 00332484-2; 1008443837; 28521042; 210823-1124; 090623; 1008451138; GD220011; 323080IY
Pipette : TE-056 SN:21D58687; 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 TSQ with Vanquish UHPLC). Total Aflatoxins (sum of Aflotoxins 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: 30, 39, 312, 272
Weight: 0.2075g
Extraction date: 11/09/23 13:17:39
Extracted by: 30

Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ
Analytical Batch : TE003129HEA
Instrument Used : TE-153 "Bill"
Analyzed Date : 11/09/23 11:19:01
Reviewed On : 11/09/23 15:24:04
Batch Date : 11/08/23 14:37:35

Dilution : 50
Reagent : 062723.01; 103123.R03; 103023.R13; 110723.01; 051723.06; 101723.18
Consumables : H109203-1; 12622-306CE-306C; 28521042; 210823-1124; GD220011
Pipette : TE-069 SN:21B23920; 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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Lab Director

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Ordered : 11/08/23

Sample Size Received : 29.13 gram
Total Amount : 7 gram
Completed : 11/10/23 **Expires:** 11/10/24
Sample Method : SOP Client Method

COMMENTS

* Confident Cannabis sample ID: 2311KLAZ0434.2420

* Pesticide TE31108001-009PES

1 - M2: Bifenthrin, Chlorpyrifos, Hexythiazox.

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