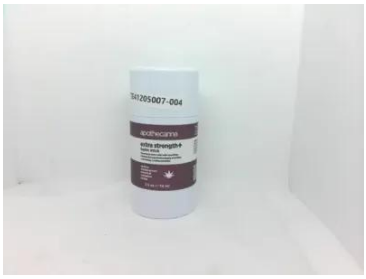
1231 W. Warner Road, Suite 105
Tempe, AZ, 85284, US
(480) 220-4470

Kaycha Labs

Apothecanna Extra Strength Balm Stick - 1000mg - 2.5oz
Matrix: Infused
Classification: Topical
Type: Balm

Certificate of Analysis

Laboratory Sample ID: TE41205007-004



Dec 10, 2024 | e2e Pharma

Production Method: Spiked Matrix
Harvest/Lot ID: 2401112A
Batch#: 2401112A
Manufacturing Date: 2024-12-03
Lot Date : 2024-12-03
Sample Size Received: 149.61 gram
Total Amount: 11 gram
Retail Product Size: 71 gram
Retail Serving Size: 71 gram
Servings: 1
Ordered: 12/04/24
Sampled: 12/05/24
Sample Collection Time: 04:00 PM
Completed: 12/10/24

PASSED

SAFETY RESULTS

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

MISC.

Terpenes
NOT TESTED

Cannabinoid

PASSED

Total THC
ND
Total THC/Container : 0.00 mg

Total CBD
1.5466%
Total CBD/Container : 1098.09 mg

Total Cannabinoids
1.5466%
Total Cannabinoids/Container : 1098.09 mg

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	ND	ND	1.5466	ND	ND	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	15.466	ND	ND	ND	ND	ND	ND	ND	ND
LOQ	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %

Analyzed by: 312, 432, 359, 272, 445
Weight: 1.0671g
Extraction date: 12/06/24 16:01:57
Extracted by: 312

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
Analytical Batch : TE006784POT
Instrument Used : TE-245 "Muad'Dib" (Infused)
Analyzed Date : 12/09/24 16:17:05
Batch Date : 12/06/24 10:31:59

Dilution : 400
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.

Ariel Gonzales
Lab Director

State License # 00000024LCMD66604568
ISO 17025 Accreditation # 97164

Signature
12/10/24

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Kaycha Labs

Apothecanna Extra Strength Balm Stick - 1000mg - 2.5oz
Matrix : Infused
Type: Balm

Certificate of Analysis

PASSED

e2e Pharma

Sample : TE41205007-004
Harvest/Lot ID: 2401112A
Lot Date : 12/03/24

Batch# : 2401112A
Sampled : 12/05/24
Ordered : 12/05/24

Sample Size Received : 149.61 gram
Total Amount : 11 gram
Completed : 12/10/24 **Expires:** 12/10/25
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
AVERMECTINS (ABAMECTIN B1A)	0.2500	ppm	0.5	PASS	ND
ACEPHATE	0.2000	ppm	0.4	PASS	ND
ACETAMIPRID	0.1000	ppm	0.2	PASS	ND
ALDICARB	0.2000	ppm	0.4	PASS	ND
AZOXYSTROBIN	0.1000	ppm	0.2	PASS	ND
BIFENAZATE	0.1000	ppm	0.2	PASS	ND
BIFENTHRIN	0.1000	ppm	0.2	PASS	ND
BOSCALID	0.2000	ppm	0.4	PASS	ND
CARBARYL	0.1000	ppm	0.2	PASS	ND
CARBOFURAN	0.1000	ppm	0.2	PASS	ND
CHLORANTRANILIPROLE	0.1000	ppm	0.2	PASS	ND
CHLORPYRIFOS	0.1000	ppm	0.2	PASS	ND
CLOFENTEZINE	0.1000	ppm	0.2	PASS	ND
CYPERMETHRIN	0.5000	ppm	1	PASS	ND
DIAZINON	0.1000	ppm	0.2	PASS	ND
DAMINOZIDE	0.5000	ppm	1	PASS	ND
DICHLORVOS (DDVP)	0.0500	ppm	0.1	PASS	ND
DIMETHOATE	0.1000	ppm	0.2	PASS	ND
ETHOPROPHOS	0.1000	ppm	0.2	PASS	ND
ETOFENPROX	0.2000	ppm	0.4	PASS	ND
ETOXAZOLE	0.1000	ppm	0.2	PASS	ND
FENOXYCARB	0.1000	ppm	0.2	PASS	ND
FENPYROXIMATE	0.2000	ppm	0.4	PASS	ND
FIPRONIL	0.2000	ppm	0.4	PASS	ND
FLONICAMID	0.5000	ppm	1	PASS	ND
FLUDIOXONIL	0.2000	ppm	0.4	PASS	ND
HEXYTHIAZOX	0.5000	ppm	1	PASS	ND
IMAZALIL	0.1000	ppm	0.2	PASS	ND
IMIDACLOPRID	0.2000	ppm	0.4	PASS	ND
KRESOXIM-METHYL	0.2000	ppm	0.4	PASS	ND
MALATHION	0.1000	ppm	0.2	PASS	ND
METALAXYL	0.1000	ppm	0.2	PASS	ND
METHIOCARB	0.1000	ppm	0.2	PASS	ND
METHOMYL	0.2000	ppm	0.4	PASS	ND
MYCLOBUTANIL	0.1000	ppm	0.2	PASS	ND
NALED	0.2500	ppm	0.5	PASS	ND
OXAMYL	0.5000	ppm	1	PASS	ND
PACLOBUTRAZOL	0.2000	ppm	0.4	PASS	ND
TOTAL PERMETHRINS	0.1000	ppm	0.2	PASS	ND
PHOSMET	0.1000	ppm	0.2	PASS	ND
PIPERONYL BUTOXIDE	1.0000	ppm	2	PASS	ND
PRALLETHRIN	0.1000	ppm	0.2	PASS	ND
PROPICONAZOLE	0.2000	ppm	0.4	PASS	ND
PROPOXUR	0.1000	ppm	0.2	PASS	ND
TOTAL PYRETHRINS	0.5000	ppm	1	PASS	ND
PYRIDABEN	0.1000	ppm	0.2	PASS	ND

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
TOTAL SPINOSAD	0.1000	ppm	0.2	PASS	ND
SPIROMESIFEN	0.1000	ppm	0.2	PASS	ND
SPIROTETRAMAT	0.1000	ppm	0.2	PASS	ND
SPIROXAMINE	0.2000	ppm	0.4	PASS	ND
TEBUCONAZOLE	0.2000	ppm	0.4	PASS	ND
THIACLOPRID	0.1000	ppm	0.2	PASS	ND
THIAMETHOXAM	0.1000	ppm	0.2	PASS	ND
TRIFLOXYSTROBIN	0.1000	ppm	0.2	PASS	ND
CHLORFENAPYR *	0.3000	ppm	1	PASS	ND
CYFLUTHRIN *	0.5000	ppm	1	PASS	ND

Analyzed by: 152, 272, 445 | **Weight:** 0.4999g | **Extraction date:** 12/06/24 16:42:28 | **Extracted by:** 410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ
Analytical Batch : TE006793PES
Instrument Used : TE-262 "MS/MS - Pest/Myco 2",TE-117 UHPLC - Pest/Myco 2 **Batch Date :** 12/06/24 15:12:00
Analyzed Date : 12/10/24 09:59:33
Dilution : 25
Reagent : 120424.R29; 120224.R12; 112124.R03; 100824.R27; 120624.R01; 120224.R08; 120624.R03; 120624.R02; 041823.06
Consumables : 947.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006
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, 272, 445 | **Weight:** 0.4999g | **Extraction date:** 12/06/24 16:42:28 | **Extracted by:** 410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ
Analytical Batch : TE006799VOL
Instrument Used : TE-117 UHPLC - Pest/Myco 2,TE-262 "MS/MS - Pest/Myco 2 **Batch Date :** 12/06/24 17:18:02
Analyzed Date : 12/10/24 10:00:03
Dilution : 25
Reagent : 120424.R29; 120224.R12; 112124.R03; 100824.R27; 120624.R01; 120224.R08; 120624.R03; 120624.R02; 041823.06
Consumables : 947.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006
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 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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Kaycha Labs

Apothecanna Extra Strength Balm Stick - 1000mg - 2.5oz
Matrix : Infused
Type: Balm

Certificate of Analysis

PASSED

e2e Pharma

Sample : TE41205007-004
Harvest/Lot ID: 2401112A
Lot Date : 12/03/24
Batch# : 2401112A
Sampled : 12/05/24
Ordered : 12/05/24

Sample Size Received : 149.61 gram
Total Amount : 11 gram
Completed : 12/10/24 **Expires:** 12/10/25
Sample Method : SOP Client Method

Residual Solvents

PASSED

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
BUTANES	2400.0000	ppm	5000	PASS	ND
METHANOL	1440.0000	ppm	3000	PASS	ND
PENTANES	2400.0000	ppm	5000	PASS	ND
ETHANOL	2400.0000	ppm	5000	PASS	ND
ETHYL ETHER	2400.0000	ppm	5000	PASS	ND
ACETONE	480.0000	ppm	1000	PASS	ND
2-PROPANOL	2400.0000	ppm	5000	PASS	ND
ACETONITRILE	196.8000	ppm	410	PASS	ND
DICHLOROMETHANE	288.0000	ppm	600	PASS	ND
HEXANES	139.2000	ppm	290	PASS	ND
ETHYL ACETATE	2400.0000	ppm	5000	PASS	ND
CHLOROFORM	28.8000	ppm	60	PASS	ND
BENZENE	1.2000	ppm	2	PASS	ND
ISOPROPYL ACETATE	2400.0000	ppm	5000	PASS	ND
HEPTANE	2400.0000	ppm	5000	PASS	ND
TOLUENE	427.2000	ppm	890	PASS	ND
XYLENES	1041.6000	ppm	2170	PASS	ND

Analyzed by:
334, 272, 445

Weight:
0.0194g

Extraction date:
12/05/24 15:53:20

Extracted by:
334

Analysis Method : SOP.T.40.044.AZ
Analytical Batch : TE006778SOL
Instrument Used : TE-285 "MS - Solvents 2"
Analyzed Date : 12/09/24 16:09:27

Batch Date : 12/05/24 14:23:35

Dilution : N/A
Reagent : 071024.01; 100623.01
Consumables : H109203-1; 430274; 0090628; GD23006
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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Kaycha Labs

Apothecanna Extra Strength Balm Stick - 1000mg - 2.5oz
Matrix : Infused
Type: Balm

Certificate of Analysis

PASSED

e2e Pharma

Sample : TE41205007-004
Harvest/Lot ID: 2401112A
Lot Date : 12/03/24
Batch# : 2401112A
Sampled : 12/05/24
Ordered : 12/05/24
Sample Size Received : 149.61 gram
Total Amount : 11 gram
Completed : 12/10/24 **Expires:** 12/10/25
Sample Method : SOP Client Method

Microbial — PASSED

Analyte	LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP	0.0000		Not Present in 1g	PASS	
ESCHERICHIA COLI REC	10.0000	CFU/g	<10	PASS	100
TYM	10.0000	Colonies	ND	TESTED	

Analyzed by: 331, 272, 445 **Weight:** 1g **Extraction date:** 12/09/24 20:19:53 **Extracted by:** 331

Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ
Analytical Batch : TE006806MIC
Instrument Used : TE-234 "bioMerieux GENE-UP" **Batch Date :** 12/09/24 09:16:43
Analyzed Date : 12/10/24 20:13:59

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

Analyzed by: 331, 272, 445 **Weight:** 0.9989g **Extraction date:** 12/10/24 19:41:05 **Extracted by:** 331

Analysis Method : N/A
Analytical Batch : TE006805TYM
Instrument Used : N/A **Batch Date :** 12/07/24 11:47:25
Analyzed Date : 12/10/24 20:06:25

Dilution : 10
Reagent : N/A
Consumables : N/A
Pipette : N/A

Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.

Mycotoxins — PASSED

Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AFLATOXINS	4.8510	ppb	ND	PASS	20
AFLATOXIN B1	4.8510	ppb	ND	PASS	20
AFLATOXIN B2	5.9400	ppb	ND	PASS	20
AFLATOXIN G1	6.2700	ppb	ND	PASS	20
AFLATOXIN G2	10.7250	ppb	ND	PASS	20
OCHRATOXIN A	12.0000	ppb	ND	PASS	20

Analyzed by: 152, 272, 445 **Weight:** 0.4999g **Extraction date:** 12/06/24 16:42:28 **Extracted by:** 410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ
Analytical Batch : TE006800MYC
Instrument Used : TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Pest/Myco 2 **Batch Date :** 12/06/24 17:18:53
Analyzed Date : 12/10/24 09:59:52

Dilution : 25
Reagent : 120424.R29; 120224.R12; 112124.R03; 100824.R27; 120624.R01; 120224.R08; 120624.R03; 120624.R02; 041823.06
Consumables : 947.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006
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 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	LOQ	Units	Result	Pass / Fail	Action Level
ARSENIC	0.2000	ppm	ND	PASS	0.4
CADMIUM	0.2000	ppm	ND	PASS	0.4
LEAD	0.5000	ppm	ND	PASS	1
MERCURY	0.1000	ppm	ND	PASS	1.2

Analyzed by: 398, 272, 445 **Weight:** 0.196g **Extraction date:** 12/06/24 17:24:18 **Extracted by:** 398

Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ
Analytical Batch : TE006782HEA
Instrument Used : TE-051 "Metals Hood",TE-144,TE-260 "Ludwig",TE-307 "Ted",TE-311 "Ted PC",TE-308 "Ted Chiller",TE-310 "Ted AS",TE-309 "Ted Pump",TE-312 "Ted Monitor",TE-313 "Ted Monitor" **Batch Date :** 12/05/24 17:52:14
Analyzed Date : 12/09/24 16:16:01

Dilution : 50
Reagent : 122623.01; 120324.R11; 112524.R05; 081624.03; 111224.01; 090922.04
Consumables : 052024CH01; 210705-306-D; 269336
Pipette : TE-063 SN:20C50490 (20-200uL); TE-110 SN:20B18338 (100-1000uL)

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).

Ariel Gonzales
Lab Director

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Apothecanna Extra Strength Balm Stick - 1000mg - 2.5oz
Matrix : Infused
Type: Balm

Certificate of Analysis

PASSED

e2e Pharma

Sample : TE41205007-004
Harvest/Lot ID: 2401112A
Lot Date : 12/03/24

Batch# : 2401112A
Sampled : 12/05/24
Ordered : 12/05/24

Sample Size Received : 149.61 gram
Total Amount : 11 gram
Completed : 12/10/24 **Expires:** 12/10/25
Sample Method : SOP Client Method

Filth/Foreign Material — PASSED

Analyte	LOQ	Units	Result	P/F	Action Level
Filth and Foreign Material	1.0000	%	ND	PASS	3

Analyzed by:	Weight:	Extraction date:	Extracted by:
331, 272, 445	1.084g	12/10/24 19:44:03	331

Analysis Method : SOP.T.40.090
Analytical Batch : TE006840FIL
Instrument Used : N/A
Analyzed Date : 12/10/24 20:06:12
Batch Date : 12/10/24 19:40:00

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

Includes, but is not limited to: hair, insects, feces, packaging contaminants, and manfacturing waste/by-products. (Method: SOP.T.40.090 using an SH-2B/T Stereo Microscope). Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317. Nor, can it be used to satisfy marijuana establishment testing requirements in R9-18-311(A) or labeling requirements in R9-18-310 – Q3.

Ariel Gonzales
Lab Director

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Matrix : Infused
Type: Balm

Certificate of Analysis

PASSED

e2e Pharma

Sample : TE41205007-004
Harvest/Lot ID: 2401112A
Lot Date : 12/03/24
Batch# : 2401112A
Sampled : 12/05/24
Ordered : 12/05/24

Sample Size Received : 149.61 gram
Total Amount : 11 gram
Completed : 12/10/24 **Expires:** 12/10/25
Sample Method : SOP Client Method

COMMENTS

* Pesticide TE41205007-004PES

1 - M1: Avermectins (Abamectin B1a).

* Cannabinoid TE41205007-004POT

1 - M2 : CBD

* Total Yeast and Mold TE41205007-004TYM

1 - Q3: Inofrmational

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