4131 SW 47th AVENUE SUITE 1408
DAVIE, FL, 33314, US
(954) 368-7664

Kaycha Labs

1g Kief
Matrix: Derivative
Type: Hash-Oil

Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:DA40207004-006
Harvest/Lot ID: 1444 0052 9984 3730
Batch#: 7756 2113 5995 6511
Cultivation Facility: Apopka
Processing Facility : Apopka
Source Facility : Apopka
Seed to Sale# 0931 4588 8640 5818
Batch Date: 02/06/24
Sample Size Received: 16 gram
Total Amount: 696 units
Retail Product Size: 1 gram
Ordered: 02/06/24
Sampled: 02/07/24
Completed: 02/09/24
Sampling Method: SOP.T.20.010

Feb 09, 2024 | Sanctuary Medicinals
251 East Keene Rd
Apopka, FL, 32703, US

Sanctuary Medicinals

PASSED

PRODUCT IMAGE



SAFETY RESULTS

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

MISC.

Terpenes
TESTED

Cannabinoid

PASSED

Total THC
53.747%
Total THC/Container : 537.47 mg

Total CBD
0.173%
Total CBD/Container : 1.73 mg

Total Cannabinoids
64.481%
Total Cannabinoids/Container : 644.81 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.749	60.432	ND	0.198	0.090	0.197	2.678	<0.010	ND	ND	0.137
mg/unit	7.49	604.32	ND	1.98	0.90	1.97	26.78	<0.10	ND	ND	1.37
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %

Analyzed by:
3605, 1665, 585, 1440

Weight:
0.1042g

Extraction date:
02/07/24 13:36:42

Extracted by:
3605

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : DA069127POT
Instrument Used : DA-LC-003
Analyzed Date : 02/07/24 13:37:02

Reviewed On : 02/09/24 07:37:09
Batch Date : 02/07/24 11:41:09

Dilution : 400
Reagent : 011824.R02; 060723.24; 012324.R03
Consumables : 947.109; CE0123; 12594-247CD-247C; R1KB14270
Pipette : DA-079; DA-108; DA-078

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

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Vivian Celestino
Lab Director

State License # CMTL-0002
ISO 17025 Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature
02/09/24

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Kaycha Labs

1g Kief
Matrix : Derivative
Type: Hash-Oil

Certificate of Analysis

PASSED

Sanctuary Medicinals

251 East Keene Rd
Apopka, FL, 32703, US
Telephone: (800) 666-8621
Email: nsatmary@sanctuarymed.com

Sample : DA40207004-006
Harvest/Lot ID: 1444 0052 9984 3730
Batch# : 7756 2113 5995 6511
Sampled : 02/07/24
Ordered : 02/07/24

Sample Size Received : 16 gram
Total Amount : 696 units
Completed : 02/09/24 **Expires:** 02/09/25
Sample Method : SOP.T.20.010

Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.007	30.81	3.081	
LIMONENE	0.007	8.55	0.855	
FARNESENE	0.001	4.77	0.477	
BETA-MYRCENE	0.007	4.19	0.419	
BETA-CARYOPHYLLENE	0.007	3.09	0.309	
OCIMENE	0.007	1.84	0.184	
ALPHA-PINENE	0.007	1.49	0.149	
LINALOOL	0.007	1.36	0.136	
BETA-PINENE	0.007	1.25	0.125	
ALPHA-HUMULENE	0.007	1.12	0.112	
FENCHYL ALCOHOL	0.007	1.01	0.101	
TOTAL TERPINEOL	0.007	0.74	0.074	
ALPHA-BISABOLOL	0.007	0.58	0.058	
BORNEOL	0.013	0.48	0.048	
ALPHA-TERPINOLENE	0.007	0.34	0.034	
CAMPHENE	0.007	<0.20	<0.020	
3-CARENE	0.007	ND	ND	
CAMPHOR	0.007	ND	ND	
CARYOPHYLLENE OXIDE	0.007	ND	ND	
CEDROL	0.007	ND	ND	
EUCALYPTOL	0.007	ND	ND	
FENCHONE	0.007	ND	ND	
GERANIOL	0.007	ND	ND	
GERANYL ACETATE	0.007	ND	ND	
GUAIOL	0.007	ND	ND	
HEXAHYDROTHYMOL	0.007	ND	ND	
ISOBORNEOL	0.007	ND	ND	
ISOPULEGOL	0.007	ND	ND	
NEROL	0.007	ND	ND	
PULEGONE	0.007	ND	ND	
SABINENE	0.007	ND	ND	
SABINENE HYDRATE	0.007	ND	ND	
VALENCENE	0.007	ND	ND	
ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND	
ALPHA-TERPINENE	0.007	ND	ND	
CIS-NEROLIDOL	0.007	ND	ND	
GAMMA-TERPINENE	0.007	ND	ND	
TRANS-NEROLIDOL	0.007	ND	ND	
Total (%)			3.081	

Analyzed by: 1879, 795, 585, 1440
Weight: 0.2009g
Extraction date: 02/07/24 16:29:43
Extracted by: 1879,795

Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL
Analytical Batch : DA069138TER
Instrument Used : DA-GCMS-008
Analyzed Date : N/A
Reviewed On : 02/09/24 08:39:04
Batch Date : 02/07/24 12:52:22

Dilution : 10
Reagent : 062922.47
Consumables : LLS-00-0005; 210414634; MKCN9995; CE0123
Pipette : N/A

Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.

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Vivian Celestino
Lab Director

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ISO 17025 Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature
02/09/24

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Kaycha Labs

1g Kief
Matrix : Derivative
Type: Hash-Oil

Certificate of Analysis

PASSED

Sanctuary Medicinals

251 East Keene Rd
Apopka, FL, 32703, US
Telephone: (800) 666-8621
Email: nsatmary@sanctuarymed.com

Sample : DA40207004-006
Harvest/Lot ID: 1444 0052 9984 3730
Batch# : 7756 2113 5995 6511
Sampled : 02/07/24
Ordered : 02/07/24

Sample Size Received : 16 gram
Total Amount : 696 units
Completed : 02/09/24 **Expires:** 02/09/25
Sample Method : SOP.T.20.010

Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.010	ppm	5	PASS	ND
TOTAL DIMETHOMORPH	0.010	ppm	0.2	PASS	ND
TOTAL PERMETHRIN	0.010	ppm	0.1	PASS	ND
TOTAL PYRETHRINS	0.010	ppm	0.5	PASS	ND
TOTAL SPINETORAM	0.010	ppm	0.2	PASS	ND
TOTAL SPINOSAD	0.010	ppm	0.1	PASS	ND
ABAMECTIN B1A	0.010	ppm	0.1	PASS	ND
ACEPHATE	0.010	ppm	0.1	PASS	ND
ACEQUINOCYL	0.010	ppm	0.1	PASS	ND
ACETAMIPRID	0.010	ppm	0.1	PASS	ND
ALDICARB	0.010	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.010	ppm	0.1	PASS	ND
BIFENAZATE	0.010	ppm	0.1	PASS	ND
BIFENTHRIN	0.010	ppm	0.1	PASS	ND
BOSCALID	0.010	ppm	0.1	PASS	ND
CARBARYL	0.010	ppm	0.5	PASS	ND
CARBOFURAN	0.010	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.010	ppm	1	PASS	ND
CHLORMEQUAT CHLORIDE	0.010	ppm	1	PASS	ND
CHLORPYRIFOS	0.010	ppm	0.1	PASS	ND
CLOFENTEZINE	0.010	ppm	0.2	PASS	ND
COUMAPHOS	0.010	ppm	0.1	PASS	ND
DAMINOZIDE	0.010	ppm	0.1	PASS	ND
DIAZINON	0.010	ppm	0.1	PASS	ND
DICHLORVOS	0.010	ppm	0.1	PASS	ND
DIMETHOATE	0.010	ppm	0.1	PASS	ND
ETHOPROPHOS	0.010	ppm	0.1	PASS	ND
ETOFENPROX	0.010	ppm	0.1	PASS	ND
ETOXAZOLE	0.010	ppm	0.1	PASS	ND
FENHEXAMID	0.010	ppm	0.1	PASS	ND
FENOXYCARB	0.010	ppm	0.1	PASS	ND
FENPYROXIMATE	0.010	ppm	0.1	PASS	ND
FIPRONIL	0.010	ppm	0.1	PASS	ND
FLONICAMID	0.010	ppm	0.1	PASS	ND
FLUDIOXONIL	0.010	ppm	0.1	PASS	ND
HEXYTHIAZOX	0.010	ppm	0.1	PASS	ND
IMAZALIL	0.010	ppm	0.1	PASS	ND
IMIDACLOPRID	0.010	ppm	0.4	PASS	ND
KRESOXIM-METHYL	0.010	ppm	0.1	PASS	ND
MALATHION	0.010	ppm	0.2	PASS	ND
METALAXYL	0.010	ppm	0.1	PASS	ND
METHIOCARB	0.010	ppm	0.1	PASS	ND
METHOMYL	0.010	ppm	0.1	PASS	ND
MEVINPHOS	0.010	ppm	0.1	PASS	ND
MYCLOBUTANIL	0.010	ppm	0.1	PASS	ND
NALED	0.010	ppm	0.25	PASS	ND
OXAMYL	0.010	ppm	0.5	PASS	ND
PACLOBUTRAZOL	0.010	ppm	0.1	PASS	ND
PHOSMET	0.010	ppm	0.1	PASS	ND
PIPERONYL BUTOXIDE	0.010	ppm	3	PASS	ND
PRALLETHRIN	0.010	ppm	0.1	PASS	ND
PROPICONAZOLE	0.010	ppm	0.1	PASS	ND
PROPOXUR	0.010	ppm	0.1	PASS	ND
PYRIDABEN	0.010	ppm	0.2	PASS	ND
SPIROMESIFEN	0.010	ppm	0.1	PASS	ND
SPIROTETRAMAT	0.010	ppm	0.1	PASS	ND
SPIROXAMINE	0.010	ppm	0.1	PASS	ND
TEBUCONAZOLE	0.010	ppm	0.1	PASS	ND
THIACLOPRID	0.010	ppm	0.1	PASS	ND
THIAMETHOXAM	0.010	ppm	0.5	PASS	ND
TRIFLOXYSTROBIN	0.010	ppm	0.1	PASS	ND
PENTACHLORONITROBENZENE (PCNB) *	0.010	PPM	0.15	PASS	ND
PARATHION-METHYL *	0.010	PPM	0.1	PASS	ND
CAPTAN *	0.070	PPM	0.7	PASS	ND
CHLORDANE *	0.010	PPM	0.1	PASS	ND
CHLORFENAPYR *	0.010	PPM	0.1	PASS	ND
CYFLUTHRIN *	0.050	PPM	0.5	PASS	ND
CYPERMETHRIN *	0.050	PPM	0.5	PASS	ND

Analyzed by:	Weight:	Extraction date:	Extracted by:
3379, 585, 1440	0.2847g	02/07/24 17:25:26	450,3379

Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie)
Analytical Batch : DA069130PES
Instrument Used : DA-LCMS-003 (PES)
Analyzed Date : 02/08/24 17:24:32
Reviewed On : 02/09/24 11:16:51
Batch Date : 02/07/24 11:49:03
Dilution : 250
Reagent : 013024.R05; 040423.08; 013124.R26; 013124.R03; 013124.R27; 011024.R01; 013124.R01
Consumables : 326250IW
Pipette : DA-093; DA-094; DA-219

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

Analyzed by:	Weight:	Extraction date:	Extracted by:
450, 585, 1440	0.2847g	02/07/24 17:25:26	450,3379

Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL
Analytical Batch : DA069131VOL
Instrument Used : DA-GCMS-010
Analyzed Date : 02/07/24 18:07:48
Reviewed On : 02/08/24 10:26:15
Batch Date : 02/07/24 11:50:23
Dilution : 250
Reagent : 013024.R05; 040423.08; 012324.R12; 012324.R13
Consumables : 326250IW; 14725401
Pipette : DA-080; DA-146; DA-218

Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

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Vivian Celestino
Lab Director

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Signature
02/09/24

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1g Kief
Matrix : Derivative
Type: Hash-Oil

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Sample : DA40207004-006
Harvest/Lot ID: 1444 0052 9984 3730
Batch# : 7756 2113 5995 6511
Sampled : 02/07/24
Ordered : 02/07/24

Sample Size Received : 16 gram
Total Amount : 696 units
Completed : 02/09/24 **Expires:** 02/09/25
Sample Method : SOP.T.20.010

Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
1,1-DICHLOROETHENE	0.800	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.200	ppm	2	PASS	ND
ACETONE	75.000	ppm	750	PASS	ND
DICHLOROMETHANE	12.500	ppm	125	PASS	ND
BENZENE	0.100	ppm	1	PASS	ND
2-PROPANOL	50.000	ppm	500	PASS	<250.000
CHLOROFORM	0.200	ppm	2	PASS	ND
ETHANOL	500.000	ppm	5000	PASS	ND
ETHYL ACETATE	40.000	ppm	400	PASS	ND
BUTANES (N-BUTANE)	500.000	ppm	5000	PASS	ND
ACETONITRILE	6.000	ppm	60	PASS	ND
ETHYL ETHER	50.000	ppm	500	PASS	ND
ETHYLENE OXIDE	0.500	ppm	5	PASS	ND
HEPTANE	500.000	ppm	5000	PASS	ND
METHANOL	25.000	ppm	250	PASS	<125.000
N-HEXANE	25.000	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75.000	ppm	750	PASS	ND
TOLUENE	15.000	ppm	150	PASS	ND
TOTAL XYLENES	15.000	ppm	150	PASS	ND
PROPANE	500.000	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.500	ppm	25	PASS	ND

Analyzed by:
850, 585, 1440

Weight:
0.0267g

Extraction date:
02/08/24 14:52:22

Extracted by:
850

Analysis Method : SOP.T.40.041.FL
Analytical Batch : DA069149SOL
Instrument Used : DA-GCMS-003
Analyzed Date : 02/07/24 17:25:03

Reviewed On : 02/08/24 17:18:31
Batch Date : 02/07/24 17:14:16

Dilution : 1
Reagent : N/A
Consumables : R2017.167; G201.167
Pipette : DA-309 25 uL Syringe 35028

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.

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02/09/24

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Kaycha Labs

1g Kief
Matrix : Derivative
Type: Hash-Oil

Certificate of Analysis

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Sample : DA40207004-006
Harvest/Lot ID: 1444 0052 9984 3730
Batch# : 7756 2113 5995 6511
Sampled : 02/07/24
Ordered : 02/07/24

Sample Size Received : 16 gram
Total Amount : 696 units
Completed : 02/09/24 **Expires:** 02/09/25
Sample Method : SOP.T.20.010

Microbial — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
ASPERGILLUS TERREUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ECOLI SHIGELLA			Not Present	PASS	
TOTAL YEAST AND MOLD	10	CFU/g	6000	PASS	100000

Analyzed by: 3390, 3621, 585, 1440 **Weight:** 0.9958g **Extraction date:** 02/07/24 13:15:37 **Extracted by:** 3336

Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL
Analytical Batch : DA069104MIC **Reviewed On :** 02/09/24 11:15:28
Instrument Used : PathogenDx Scanner DA-111,Applied Biosystems Thermocycler DA-013,fisherbrand Isotemp Heat Block DA-020,fisherbrand Isotemp Heat Block DA-049,Fisher Scientific Isotemp Heat Block DA-021 **Batch Date :** 02/07/24 09:09:10
Analyzed Date : 02/07/24 18:43:54

Dilution : N/A
Reagent : 010924.50; 011624.R29; 100223.11
Consumables : 7567003061
Pipette : N/A

Analyzed by: 3336, 3390, 585, 1440 **Weight:** 0.9958g **Extraction date:** 02/07/24 13:15:37 **Extracted by:** 3336

Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL
Analytical Batch : DA069140TYM **Reviewed On :** 02/09/24 13:34:29
Instrument Used : Incubator (25-27*C) DA-096 **Batch Date :** 02/07/24 13:15:50
Analyzed Date : 02/07/24 13:36:56

Dilution : N/A
Reagent : 010924.50; 012524.R09; 011924.R15
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	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02

Analyzed by: 3379, 585, 1440 **Weight:** 0.2847g **Extraction date:** 02/07/24 17:25:26 **Extracted by:** 450,3379

Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)
Analytical Batch : DA069147MYC **Reviewed On :** 02/09/24 11:16:16
Instrument Used : N/A **Batch Date :** 02/07/24 13:36:19
Analyzed Date : 02/08/24 17:25:33

Dilution : 250
Reagent : 013024.R05; 040423.08; 013124.R26; 013124.R03; 013124.R27; 011024.R01; 013124.R01
Consumables : 326250IW
Pipette : DA-093; DA-094; DA-219

Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

Heavy Metals — PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.080	ppm	ND	PASS	1.1
ARSENIC	0.020	ppm	ND	PASS	0.2
CADMIUM	0.020	ppm	ND	PASS	0.2
MERCURY	0.020	ppm	ND	PASS	0.2
LEAD	0.020	ppm	ND	PASS	0.5

Analyzed by: 1022, 585, 1440 **Weight:** 0.2601g **Extraction date:** 02/07/24 14:31:56 **Extracted by:** 1022,4306

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL
Analytical Batch : DA069112HEA **Reviewed On :** 02/08/24 10:25:17
Instrument Used : DA-ICPMS-004 **Batch Date :** 02/07/24 10:28:32
Analyzed Date : 02/07/24 16:06:06

Dilution : 50
Reagent : 010824.R08; 020524.R23; 012924.R01; 020524.R14; 020524.R15; 020524.01; 012924.R05
Consumables : 179436; 12532-225CD-225C; 210508058
Pipette : DA-061; DA-191; DA-216

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

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Vivian Celestino
Lab Director

State License # CMTL-0002
ISO 17025 Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature
02/09/24

4131 SW 47th AVENUE SUITE 1408
DAVIE, FL, 33314, US
(954) 368-7664

Kaycha Labs

1g Kief
Matrix : Derivative
Type: Hash-Oil

Certificate of Analysis

PASSED

Sanctuary Medicinals

251 East Keene Rd
Apopka, FL, 32703, US
Telephone: (800) 666-8621
Email: nsatmary@sanctuarymed.com

Sample : DA40207004-006
Harvest/Lot ID: 1444 0052 9984 3730
Batch# : 7756 2113 5995 6511
Sampled : 02/07/24
Ordered : 02/07/24

Sample Size Received : 16 gram
Total Amount : 696 units
Completed : 02/09/24 **Expires:** 02/09/25
Sample Method : SOP.T.20.010

Filth/Foreign Material — PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.100	%	ND	PASS	1

Analyzed by:	Weight:	Extraction date:	Extracted by:
1879, 585, 1440	NA	N/A	N/A

Analysis Method : SOP.T.40.090
Analytical Batch : DA069117FIL
Instrument Used : Filth/Foreign Material Microscope
Analyzed Date : 02/07/24 22:22:59
Reviewed On : 02/07/24 22:46:43
Batch Date : 02/07/24 11:07:17

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

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.

Water Activity — PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Water Activity	0.010	aw	0.432	PASS	0.85

Analyzed by:	Weight:	Extraction date:	Extracted by:
4056, 585, 1440	0.413g	02/07/24 17:14:37	4044

Analysis Method : SOP.T.40.019
Analytical Batch : DA069134WAT
Instrument Used : DA-028 Rotronic Hygropalm
Analyzed Date : N/A
Reviewed On : 02/08/24 09:06:52
Batch Date : 02/07/24 12:21:46

Dilution : N/A
Reagent : 111423.05
Consumables : PS-14
Pipette : N/A

Water Activity is performed using a Rotronic HygroPalm HP 23-AW in accordance with F.S. Rule 64ER20-39.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

Vivian Celestino
Lab Director

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