4131 SW 47th AVENUE SUITE 1408
DAVIE, FL, 33314, US

Kaycha Labs

Atlas Syringe Distillate 0.55g
Atlas
Matrix: Derivative

Certificate of Analysis

Sample:DA10330003-001
Harvest/Lot ID: 0332 7902 6286 9447
Cultivation Facility: Tampa Cultivation
Processing Facility : Tampa Processing
Seed to Sale #0332 7902 6286 9447
Batch Date :03/04/21
Batch#: 3001 0259 6163 7399
Sample Size Received: 29 units
Total Weight/Volume: 1041 units
Retail Product Size: 0.55 gram
Ordered : 03/29/21
sampled : 03/29/21
Completed: 04/02/21 Expires: 04/02/22
Sampling Method: SOP.T.20.010

Apr 02, 2021 | FLUENT

82 NE 26th street
Miami, FL, 33137, US

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.

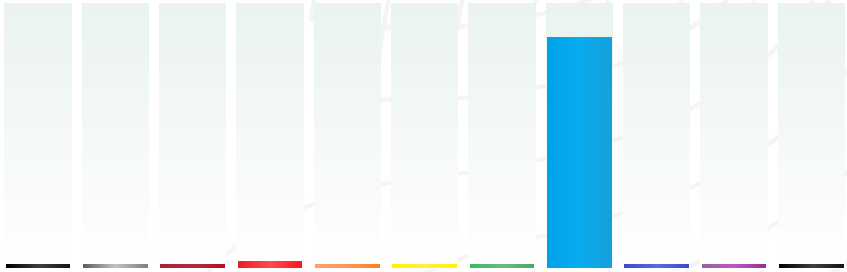
Terpenes
TESTED

CANNABINOID RESULTS

Total THC
86.187%
TOTAL THC/Container :474.029 mg

Total CBD
0.146%
TOTAL CBD/Container :0.803 mg

Total Cannabinoids
91.229%
Total Cannabinoids/Container :501.760 mg



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
	ND	ND	0.283%	1.761%	0.146%	0.654%	0.990%	85.853 %	ND	1.161%	0.381%
	ND	ND	2.830 mg/g	17.610 mg/g	1.460 mg/g	6.540 mg/g	9.900 mg/g	858.530 mg/g	ND	11.610 mg/g	3.810 mg/g
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %

Filth — PASSED

Analyzed By	Weight	Extraction date	Extracted By
457	NA	NA	NA

Analyte	LOD	Result
Filth and Foreign Material	0.1	ND

Analysis Method -SOP.T.40.013 **Batch Date :** 03/30/21 14:07:58
Analytical Batch -DA024491FIL **Reviewed On -** 03/30/21 15:12:55
Instrument Used : Filth/Foreign Material Microscope

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection.

Water Activity — PASSED

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
WATER ACTIVITY	457	NA	NA	0.01 aw	0.85aw	0.439aW

Analysis Method -Water Activity SOP.T.40.010 **Batch Date :** 03/30/21 14:05:09
Analytical Batch -DA024488WAT **Reviewed On -** 03/30/21 16:27:52
Instrument Used : DA-028 Rotronic Hygropalm

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	0.1042g	03/30/21 04:03:17	2198

Analysis Method -SOP.T.40.020, SOP.T.30.050 **Reviewed On -** 03/31/21 10:02:45 **Batch Date :** 03/30/21 11:43:27
Analytical Batch -DA024480POT **Instrument Used :** DA-LC-002

Reagent	Dilution	Consums. ID
110220.191	400	287035261
032221.R55		11945-019CD-019C
032421.R18		76262-590
020121.63		914C4-914AK
		929C6-929H

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

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Jorge Segredo
Lab Director

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

Signature

04/02/2021
Signed On

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Kaycha Labs

Atlas Syringe Distillate 0.55g
Atlas
Matrix : Derivative

Certificate of Analysis

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FLUENT

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Miami, FL, 33137, US
Telephone: (305) 900-6266
Email: Sam@getfluent.com

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Harvest/LOT ID: 0332 7902 6286 9447

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Ordered : 03/29/21

Sample Size Received : 29 units
Total Weight/Volume : 1041 units
Completed : 04/02/21 **Expires:** 04/02/22
Sample Method : SOP.T.20.010

Terpenes — TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007	ND	ND	
BETA-MYRCENE	0.007	1.833	0.183	
ALPHA-PHELLANDRENE	0.007	ND	ND	
3-CARENE	0.007	ND	ND	
OCIMENE	0.007	0.817	0.081	
EUCALYPTOL	0.007	ND	ND	
LINALOOL	0.007	1.328	0.132	
FENCHONE	0.007	ND	ND	
ISOPULEGOL	0.007	ND	ND	
ISOBORNEOL	0.007	ND	ND	
HEXAHYDROTHYMOL	0.007	ND	ND	
NEROL	0.007	ND	ND	
GERANYL ACETATE	0.007	ND	ND	
BETA-CARYOPHYLLENE	0.007	5.971	0.597	
VALENCENE	0.007	ND	ND	
CIS-NEROLIDOL	0.007	ND	ND	
CARYOPHYLLENE OXIDE	0.007	0.312	0.031	
CEDROL	0.007	ND	ND	
FARNESENE	0.007	9.282	0.928	
ALPHA-BISABOLOL	0.007	1.763	0.176	
ALPHA-PINENE	0.007	< 0.2	< 0.020	
SABINENE	0.007	ND	ND	
BETA-PINENE	0.007	0.224	0.022	
ALPHA-TERPINENE	0.007	ND	ND	
LIMONENE	0.007	3.479	0.347	
GAMMA-TERPINENE	0.007	ND	ND	
TERPINOLENE	0.007	0.276	0.027	
SABINENE HYDRATE	0.007	ND	ND	
FENCHYL ALCOHOL	0.007	ND	ND	
CAMPHOR	0.013	ND	ND	
BORNEOL	0.013	< 0.4	< 0.040	
Total (%)		2.959		

Terpenes	LOD(%)	mg/g	%	Result (%)
TERPINEOL	0.007	0.901	0.090	
GERANIOL	0.007	0.226	0.022	
PULEGONE	0.007	ND	ND	
ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-HUMULENE	0.007	2.040	0.204	
TRANS-NEROLIDOL	0.007	0.498	0.049	
GUAIOL	0.007	0.632	0.063	

Terpenes — TESTED

Analyzed by	Weight	Extraction date	Extracted By
1351	1.0608g	03/30/21 01:03:20	1351

Analysis Method - SOP.T.40.090
Analytical Batch - DA024458TER **Reviewed On -** 04/02/21 07:42:17
Instrument Used : DA-GCMS-004
Running On : 03/31/21 14:30:44
Batch Date : 03/30/21 10:16:31

Reagent	Dilution	Consums. ID
032521.R01	10	287035261
032921.R45		76262-590
032921.R46		

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography – Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.

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Jorge Segredo
Lab Director

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Signature

04/02/2021
Signed On

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Kaycha Labs

Atlas Syringe Distillate 0.55g
Atlas
Matrix : Derivative

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PASSED

FLUENT

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Total Weight/Volume : 1041 units
Completed : 04/02/21 **Expires:** 04/02/22
Sample Method : SOP.T.20.010

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND
ACEPHATE	0.01	ppm	3	ND
ACEQUINOCYL	0.01	ppm	2	ND
ACETAMIPRID	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	0.282
BOSCALID	0.01	PPM	3	ND
CARBARYL	0.05	ppm	0.5	ND
CARBOFURAN	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND
COUMAPHOS	0.01	ppm	0.1	ND
DAMINOZIDE	0.01	ppm	0.1	ND
DICHLORVOS	0.01	ppm	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND
ETOXAZOLE	0.01	ppm	1.5	ND
FENHEXAMID	0.01	ppm	3	ND
FENOXYCARB	0.01	ppm	0.1	ND
FENPYROXIMATE	0.01	ppm	2	ND
FIPRONIL	0.01	ppm	0.1	ND
FLONICAMID	0.01	ppm	2	ND
FLUDIOXONIL	0.01	ppm	3	ND
HEXYTHIAZOX	0.01	ppm	2	ND
IMAZALIL	0.01	ppm	0.1	ND
IMIDACLOPRID	0.04	ppm	3	ND
KRESOXIM-METHYL	0.01	ppm	1	ND
MALATHION	0.02	ppm	2	ND
METALAXYL	0.01	ppm	3	ND
METHIOCARB	0.01	ppm	0.1	ND
METHOMYL	0.01	ppm	0.1	ND
MEVINPHOS	0.01	ppm	0.1	ND
MYCLOBUTANIL	0.01	ppm	3	ND
NALED	0.025	ppm	0.5	ND
OXAMYL	0.05	ppm	0.5	ND
PACLOBUTRAZOL	0.01	ppm	0.1	ND
PHOSMET	0.01	ppm	0.2	ND
PIPERONYL BUTOXIDE	0.3	ppm	3	ND
PRALLETHRIN	0.01	ppm	0.4	ND
PROPICONAZOLE	0.01	ppm	1	ND
PROPOXUR	0.01	ppm	0.1	ND

Pesticides	LOD	Units	Action Level	Result
PYRETHRINS	0.05	ppm	1	ND
PYRIDABEN	0.02	ppm	3	ND
SPIROMESIFEN	0.01	ppm	3	ND
SPIROTETRAMAT	0.01	ppm	3	ND
SPIROXAMINE	0.01	ppm	0.1	ND
TEBUCONAZOLE	0.01	ppm	1	ND
THIACLOPRID	0.01	ppm	0.1	ND
THIAMETHOXAM	0.05	ppm	1	ND
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	20	0.365
TOTAL DIAZINON	0.01	PPM	0.2	ND
TOTAL DIMETHOMORPH	0.02	PPM	3	ND
TOTAL PERMETHRIN	0.01	ppm	1	0.082
TOTAL SPINETORAM	0.02	PPM	3	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND
PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
PARATHION-METHYL *	0.01	PPM	0.1	ND
CAPTAN *	0.025	PPM	3	ND
CHLORDANE *	0.01	PPM	0.1	ND
CHLORFENAPYR *	0.01	PPM	0.1	ND
CYFLUTHRIN *	0.01	PPM	1	ND
CYPERMETHRIN *	0.01	PPM	1	ND

Pesticides — PASSED

Analyzed by 585 , 1665
Weight 0.223g
Extraction date 03/30/21 02:03:09
Extracted By 1665 , 1665

Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T40.070
Analytical Batch - DA024477PES , DA024459VOL
Reviewed On- 03/30/21 15:12:55
Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-006
Running On : 03/30/21 17:01:20 , 03/30/21 16:19:50
Batch Date : 03/30/21 11:17:56

Reagent	Dilution	Consums. ID
010421.R86 123020.R30 031721.R08 032921.R09 092820.59	25	6524407-03

Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS. SOP.T40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). * Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

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04/02/2021
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Atlas Syringe Distillate 0.55g
Atlas
Matrix : Derivative

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Completed : 04/02/21 **Expires:** 04/02/22
Sample Method : SOP.T.20.010

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
METHANOL	25	ppm	250	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Residual Solvents — PASSED

Analyzed by	Weight	Extraction date	Extracted By
850	0.0299g	03/31/21 04:03:32	850

Analysis Method - SOP.T.40.032
Analytical Batch - DA024525SOL
Instrument Used : DA-GCMS-002
Running On :
Batch Date : 03/31/21 10:37:53

Reviewed On - 04/01/21 15:47:42

Reagent	Dilution	Consums. ID
	1	00279984 R2017.217

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS).

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Atlas Syringe Distillate 0.55g
Atlas
Matrix : Derivative

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Completed : 04/02/21 **Expires:** 04/02/22
Sample Method : SOP.T.20.010

Microbials — PASSED

Analyte	LOD	Result	Action Level (cfu/g)
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	
ASPERGILLUS_FLAVUS		not present in 1 gram.	
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	
ASPERGILLUS_TERREUS		not present in 1 gram.	
ASPERGILLUS_NIGER		not present in 1 gram.	
TOTAL YEAST AND MOLD	10	<10 CFU	100000

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA024460MIC , DA024463TYM Batch Date : 03/30/21, 03/30/21
Instrument Used : PathogenDx Scanner DA-111, PathogenDx Scanner DA-111
Running On : 03/31/21, 03/31/21

Analyzed by	Weight	Extraction date	Extracted By
1829, 1829	1.1569g	03/31/21	513,

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
032421.12	200103-274	D012	2809006	3110
021121.13	3110	D011	040	200507119C
	002005	A15	2804032	
	11989-024CC-024	A12	2808009	
	2804029	2807014	2811021	
	2803033	2810026A	20324	

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

Mycotoxins — PASSED

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
TOTAL OCHRATOXIN A	0.002	PPM	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA024478MYC | Reviewed On - 03/31/21 15:45:48
Instrument Used :
Running On : 03/30/21 17:01:35
Batch Date : 03/30/21 11:22:05

Analyzed by	Weight	Extraction date	Extracted By
585	NA	03/30/21 03:03:52	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.

Heavy Metals — PASSED

Reagent	Reagent	Dilution	Consums. ID
032921.R29	031621.R35	100	89401-566
032921.R07	032921.R03		
031721.R16	121420.01		
032221.R51	022521.06		
032521.R13	030420.08		
030121.R42	030121.26		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3
LEAD	0.05	PPM	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
53	0.2439g	03/30/21 03:03:04	1879

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA024438HEA | Reviewed On - 03/31/21 07:55:40
Instrument Used : DA-ICPMS-002
Running On : 03/31/21 07:49:38
Batch Date : 03/30/21 09:21:36

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 using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request.The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Jorge Segredo
Lab Director

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

Signature

04/02/2021
Signed On