

# Certificate of Analysis

Apr 15, 2022 | Arvida Labs

2351 W. Atlantic Blvd Pompano Beach, FL, 33066, US



**PRODUCT IMAGE** 





**SAFETY RESULTS** 





Heavy Metals **PASSED** 



Microbials PASSED



Mycotoxins PASSED



Solvents **PASSED** 



**PASSED** 



Water Activity NOT TESTED



Moisture **NOT TESTED** 



Sample: KN20405013-009

**Kaycha Labs** 

D10 Sour Diesel

Matrix: Derivative

Harvest/Lot ID: 220052021203001 Batch#: D100001

> Seed to Sale# N/A Batch Date: N/A

Sample Size Received: 11 gram

Total Weight/Volume: N/A Retail Product Size: 1 gram

> ordered: 04/05/22 sampled: 04/05/22

Completed: 04/15/22

Sampling Method: SOP Client Method



**TESTED** 

**PASSED** 



### Cannabinoid



2.3426% CBN/gram : 23.426 mg



D10-THC 70.6196%



**Total Cannabinoids** 76.3364% Total Cannabinoids/gram: 763.364 mg

Filth

						CBGA		-	THCV			D9-THC				THCA	D8-THCO	D9-THCO	-
		TOTAL CBD	TOTAL CBG	CBDV	CBDA		CBG	CBD	THCV	CBN	EXO-THC		D8-THC	D10-THC	CBC				THC-0
%	0.443	1.6555	0.2729	0.038	0.2365	0.0389	0.2388	1.4481	ND	2.3426	ND	0.443	0.9309	70.6196	ND	ND	ND	ND	ND
mg/g	4.43	16.555	2.729	0.38	2.365	0.389	2.388	14.481	ND	23.426	ND	4.43	9.309	706.196	ND	ND	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

	1	0.5613	g	04/06/22	1692
	Analyte		LOD	Pass/Fail	Result
	Filth and Foreign I	Material	0.3	Pass	ND
	Analysis Method	-SOP.T.4	0.013	Batch Date: 04/0	5/22 18:25:52
	Analytical Batch	-KN0022	L8FIL	Reviewed On - 04	/06/22 11:24:36
	Instrument Used	: E-AMS-	138 [	Microscope	
	Running On:				
_	This includes but is manufacturing wast	not limited to e and by-pro	o hair, iducts	insects, feces, packaging of A SW-2T13 Stereo Microso	contaminants, and cope is use for inspect

Cannabinoid Profile Test Analyzed by

ion : 40 jent : 081321.R04; 040622.R03; 040622.R04 sumables : 947.251; 12123-046CC-046

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#### Sue Ferguson

State License # n/a ISO Accreditation # 17025:2017



04/15/22

Signature



### Kaycha Labs

D10 Sour Diese

Matrix : Derivative



**TESTED** 

# **Certificate of Analysis**

2351 W. Atlantic Blvd Pompano Beach, FL, 33066, US Telephone: (305) 322-9822 Email: JJ@arvidalabs.com

Harvest/Lot ID: 220052021203001

Batch# : D100001 Sampled: 04/05/22 Odered: 04/05/22

Sample Size Received: 11 gram Total Weight/Volume: N/A  $\textbf{Completed:} \ 04/15/22 \ \textbf{Expires:} \ 04/15/23$ Sample Method: SOP Client Method

Page 2 of 5

**TESTED** 



### **Terpenes**

Terpenes TRANS-CARYOPHYLLENE	LOD(%) mg/g 0.007 3.04	% Result (%) 0.304	Terpenes LOD(%) mg/g % Result (%)  HEXAHYDROTHYMOL 0.007 ND ND
GUAIOL	0.007 0.605	0.0605	EUCALYPTOL 0.007 <0.2 <0.02
IMONENE	0.007 29.794		ISOBORNEOL 0.007 <0.2 <0.02
INALOOL	0.007 5.406	0.5406	FARNESENE 0.007 0.534 0.0534
VEROL	0.007 S.400	ND	FENCHONE 0.007 ND ND
DCIMENE	0.007 0.82	0.082	GAMMA-TERPINENE 0.007 <0.2 <0.02
ALPHA-PHELLANDRENE	0.007 <0.2	<0.02	GERANIOL 0.007 ND ND
PULEGONE	0.007 ND	ND	GERANIOL 3.007 ND ND
SABINENE	0.007 ND	ND	
SABINENE HYDRATE	0.007 ND	ND	
TERPINEOL	0.007 0.692	0.0692	(O) Terpenes TESTE
TERPINOLENE	0.007 0.456	0.0456	
GERANYL ACETATE	0.007 ND	ND	Analyzed by Weight Extraction date Extracted By
TRANS-NEROLIDOL	0.007 0.2	0.02	1 0.991g 04/07/22 03:04:35 138
ALENCENE	0.007 0.251	0.0251	Analysis Method - SOP.T.40.090
SOPULEGOL	0.007 ND	ND	Analytical Batch - KN002231TER Reviewed On - 04/15/22 16:53:37 Instrument Used : E-SHI-109 Terpenes
ALPHA-HUMULENE	0.007 0.9	0.09	Running On :
ALPHA-PINENE	0.007 4.584	0.4584	Batch Date: 04/07/22 14:13:11
ALPHA-TERPINENE	0.007 <0.2	<0.02	
BETA-MYRCENE	0.007 1.655	0.1655	Dilution: 10
BETA-PINENE	0.007 5.654	0.5654	Reagent: Consumables:
BORNEOL	0.013 ND	ND	Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectromete
CAMPHENE	0.007 1.453	0.1453	which can screen 38 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS. Analytes ISO Pending
CAMPHOR	0.013 ND	ND	
CARYOPHYLLENE OXIDE	0.007 0.257	0.0257	
CEDROL	0.007 ND	ND	/ // // // / X X X X / \ \ \
ALPHA-BISABOLOL	0.007 2.362	0.2362	
ALPHA-CEDRENE	0.007 ND	ND	
CIS-NEROLIDOL	0.007 ND	ND	
3-CARENE	0.007 ND	ND	
	0.007 1.076	0.1076	. / / / / / / / / / / / / / / / / / / /

Total (%)

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Sue Ferguson

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04/15/22

Signature



### **Kaycha Labs**

D10 Sour Diese



Matrix : Derivative

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Harvest/Lot ID: 220052021203001 Batch# : D100001

Sampled: 04/05/22 Odered: 04/05/22

Sample Size Received: 11 gram Total Weight/Volume: N/A Completed: 04/15/22 Expires: 04/15/23 Sample Method: SOP Client Method

Page 3 of 5

**TESTED** 



2351 W. Atlantic Blvd

Pompano Beach, FL, 33066, US

Telephone: (305) 322-9822

Email: JJ@arvidalabs.com

### **Pesticides**

P	A	S	S	Е	D	

_ X					
Pesticides	LOD	Units	Action Level	Pass/Fail	Res
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	le le	2	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND
CYPERMETHRIN	0.01	ppm	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND
DIAZANON	0.01	ppm	0.2	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND
DIMETHOATE	0.01	ppm	0.1	PASS	ND
DIMETHOMORPH	0.01	ppm	3	PASS	ND
THOPROPHOS	0.01	ppm	0.1	PASS	ND
TOFENPROX	0.01	ppm	0.1	PASS	ND
TOXAZOLE	0.01	ppm	1.5	PASS	ND
ENHEXAMID	0.01	ppm	3	PASS	ND
ENOXYCARB	0.01	ppm	0.1	PASS	ND
ENPYROXIMATE	0.01	ppm	2	PASS	ND
PIPRONIL	0.01	ppm	0.1	PASS	ND
FLONICAMID	0.01	ppm	2	PASS	ND
LUDIOXONIL	0.01		3	PASS	ND
	0.01	ppm	2	PASS	ND
HEXYTHIAZOX		ppm	0.1	PASS	ND
MAZALIL	0.01	ppm	3.	PASS	
MIDACLOPRID	0.01	ppm	5	1	ND
(RESOXIM-METHYL	0.01	ppm	1	PASS	ND
MALATHION	0.01	ppm	2	PASS	ND
METALAXYL	0.01	ppm	3	PASS	ND
METHIOCARB	0.01	ppm	0.1	PASS	ND
METHOMYL	0.01	ppm	0.1	PASS	ND
MEVINPHOS	0.01	ppm	0.1	PASS	ND
MYCLOBUTANIL	0.01	ppm	3	PASS	ND
IALED	0.01	ppm	0.5	PASS	ND
DXAMYL	0.01	ppm	0.5	PASS	ND
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
PERMETHRINS	0.01	ppm	1	PASS	ND
PHOSMET	0.01	ppm	0.2	PASS	ND

Pesticides	LOD	Units	Action Level	Pass/Fail	Result	
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	0.1248	
PRALLETHRIN	0.01	ppm	0.4	PASS	ND	
PROPICONAZOLE	0.01	ppm	1	PASS	ND	
PROPOXUR	0.01	ppm	0.1	PASS	ND	
PYRETHRINS	0.01	ppm	1	PASS	ND	
PYRIDABEN	0.01	ppm	3	PASS	ND	
SPINETORAM	0.01	ppm	3	PASS	ND	
SPIROMESIFEN	0.01	ppm	3	PASS	ND	
SPIROTETRAMAT	0.01	ppm	3	PASS	ND	
SPIROXAMINE	0.01	ppm	0.1	PASS	ND	
TEBUCONAZOLE	0.01	ppm	1	PASS	ND	
THIACLOPRID	0.01	ppm	0.1	PASS	ND	
THIAMETHOXAM	0.01	ppm	1	PASS	ND	
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND	
TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND	



### **Pesticides**

#### **PASSED**

Analyzed by	Weight	Extraction date	Extracted By
1	0.5627g	04/05/22 06:04:12	143
Analysis Meth	nod - SOP.T.30.060,	SOP.T.40.060,	
Analytical Bat	tch: KN002211PES		Reviewed On: 04/08/22 08:38:56
Instrument Us	sed: E-SHI-125 Pes	ticides	
Running On:	04/05/22 18:54:50		Batch Date: 04/05/22 16:00:44

Reagent: 033122.R24; 110521.03; 031822.R01; 033022.R17; 033022.R18; 031822.R40 Consumables: 210419634; 947.251

Eonsumables: 210419634; 947.251
Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.3 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). \*Based on FL action limits. \*

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Sue Ferguson

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04/15/22

Signature



### Kaycha Labs

D10 Sour Diesel

N/A



Matrix : Derivative

# **Certificate of Analysis**

**TESTED** 

Arvida Labs

2351 W. Atlantic Blvd Pompano Beach, FL, 33066, US **Telephone:** (305) 322-9822 **Email:** JJ@arvidalabs.com Sample: KN20405013-009 Harvest/Lot ID: 220052021203001

Batch#: D100001 Sampled: 04/05/22 Odered: 04/05/22 Sample Size Received: 11 gram Total Weight/Volume: N/A Completed: 04/15/22 Expires: 04/15/23 Sample Method: SOP Client Method Page 4 of 5



### **Residual Solvents**

**PASSED** 

Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1.1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND



### **Residual Solvents**

**PASSED** 

Analyzed by

**Weight** 0.02138g

Extraction date 04/08/22 05:04:21

Extracted By 138

Analysis Method -SOP.T.40.032 Analytical Batch -KN002232SOL

Instrument Used: E-SHI-106 Residual Solvents

Running On:

Batch Date: 04/07/22 16:26:18

Reviewed On - 04/11/22 15:46:33

Dilution: 1 Reagent:

Consumables : R2017.099; G201.120

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). Analytes ISO pending. \*Based on FL action limits.

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**Sue Ferguson** 

Lab Director

State License # n/a ISO Accreditation # 17025:2017 Sulinguan

04/15/22

Signature



### **Kaycha Labs**

D10 Sour Diese

N/A

Matrix : Derivative



## **Certificate of Analysis**

**TESTED** 

Arvida Labs

2351 W. Atlantic Blvd Pompano Beach, FL, 33066, US **Telephone:** (305) 322-9822 **Email:** Jl@arvidalabs.com Sample : KN20405013-009 Harvest/Lot ID: 220052021203001

Batch#: D100001 Sampled: 04/05/22 Odered: 04/05/22 Sample Size Received: 11 gram Total Weight/Volume: N/A Completed: 04/15/22 Expires: 04/15/23 Sample Method: SOP Client Method

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### **Microbials**

### PASSED



### **Mycotoxins**

### **PASSED**

Analyte		LOD	Result	Pass / Fail
LISTERIA MO	NOCYTOGENE	2000	ND	TESTED
ESCHERICHIA	COLI SHIGELLA SPP	1726	ND	PASS
SALMONELLA	A SPECIFIC GENE	10000	ND	PASS
ASPERGILLU	S FLAVUS	10000	ND	PASS
ASPERGILLU	S FUMIGATUS	10000	ND	PASS
ASPERGILLU	S NIGER	10000	ND	PASS
ASPERGILLU	S TERREUS	10000	ND	PASS

Analysis Method -SOP.T.40.043

Analytical Batch -KN002219MIC Batch Date: 04/05/22 18:27:16

Instrument Used: Micro E-HEW-069

Running On:

Analyzed by	Weight	Extraction date	<b>Extracted By</b>
1	1.0206g	04/06/22 11:04:01	1692

Dilution: 1

Reagent: 021522.03; 030121.01; 121521.01; 122021.01

Consumables:

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, Salmondella, Aspergillus flumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
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
TOTAL MYCOTOXINS	0.002	ppm	ND	TESTED	

Analysis Method -SOP.T.30.060, SOP.T.40.060

Analytical Batch -KN002212MYC | Reviewed On - 04/07/22 15:40:44

Instrument Used: E-SHI-125 Mycotoxins

Running On: 04/05/22 19:00:32 | Batch Date: 04/05/22 16:01:59

Analyzed by	Weight	Extraction date	Extracted By
143	0.5627g	04/06/22 09:04:28	143

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflotoxin B1, B2, G1, G2) must be  $<\!20\mu g/Kg$ . Ochratoxins must be  $<\!20\mu g/Kg$ . Analytes ISO pending. \*Based on FL action limits.



## **Heavy Metals**

### **PASSED**

Metal	LOD	Unit	Result	Pass / Fail	Action	
					Level	
ARSENIC-AS	0.02	ppm	ND	PASS	1.5	
CADMIUM-CD	0.02	ppm	ND	PASS	0.5	
MERCURY-HG	0.02	ppm	ND	PASS	3	
LEAD-PB	0.02	ppm	ND	PASS	0.5	

Analyzed by	Weight	Extraction date	Extracted By
1	0.2631g	04/09/22 04:04:49	12

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -KN002206HEA | Reviewed On - 04/08/22 18:28:44

Instrument Used: Metals ICP/MS

Running On: | Batch Date: 04/05/22 14:29:28

Dilution: 1

Reagent: 121421.04; 011022.R08; 020422.R07; 011022.R07 Consumables: 107702-05-081520: 12235-110CD-110C

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.

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04/15/22

Signature