



Certificate of Analysis

Sample: DE1129010-001
Harvest/Lot ID: <10% w/w water soluble CBD
Batch#: <10% w/w water soluble CBD
Metrc #: 1A4000D0003A8B9000002371
Seed to Sale#: 1A4000D0003A8B9000002371
Batch Date: 11/23/21
Sample Size Received: 10 gram
Total Weight/Volume: N/A
Retail Product Size: N/A gram
Ordered: 11/23/21
sampled: 11/23/21
Completed: 12/03/21
Sampling Method: SOP-024

PASSED

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Dec 03, 2021 | Sirona Labs/Hemp Hunter Labs Inc.

License # 403H-103408
500 Technology Farm Drive,
Geneva, NY, 14456



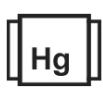
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Homogeneity
NOT TESTED



Terpenes
NOT TESTED

CANNABINOID RESULTS



Total THC
ND



Total CBD
7.925%



Total Cannabinoids
7.925%

	CBDO	CBDOA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBQ	D9-THC	D8-THC	CBL	THCVA	CBG	D10-THC	CBNA	THCA	CBGA	CBLA	THC-O-ACETATE
ND	ND	ND	7.925	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOD	0.00265237	0.00070559	0.00219044	0.00333396	0.00125116	0.00205806	0.00192419	0.00183167	0.00401072	0.0148	0.000847945	0.00268886	0.000921807	0.000717378	0.00286194	0.000534	0.000910194	0.000458461	0.00210199	0.00116619	0.003403

Cannabinoid Profile Test

Analyzed by 1253	Weight 0.1719g	Extraction date : 11/30/21 01:11:38	Extracted By : 1642
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Analysis Method -SOP-020 (R15)

Reviewed On - 12/01/21 17:11:48

Batch Date : 11/30/21 10:29:33

Analytical Batch -DE002719POT

Instrument Used : Agilent 1100 "Liger"

Running On : 11/30/21 17:29:51

Reagent	Dilution	Consums. ID	Consums. ID
102721.R07	200	07051275	923C4-923AK
112321.R14		1119999	5079-525C6-525E
102221.R05		BG045	
112921.R10		R1KB34782	
112921.01		298076054	
101121.10		12211-108CC-108	

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP-022 (R13) for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.

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 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.

Stephen Goldman

Lab Director

State License #
405R-00011 405-00008
ISO Accreditation # 4331.01



Signature

12/03/21

Signed On



Certificate of Analysis

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Sirona Labs/Hemp Hunter Labs Inc.

 500 Technology Farm Drive,
 Geneva, NY, 14456

Telephone: 315-412-2446

Email: nick@cironalabs.com

License #: 403H-103408

Sample : DE11129010-001
Harvest/LOT ID: <10% w/w water soluble CBD
Batch# : <10% w/w
 water soluble CBD

Sampled : 11/23/21

Ordered : 11/23/21

Sample Size Received : 10 gram

Total Weight/Volume : N/A

Completed : 12/03/21 **Expires:** 12/03/22

Sample Method : SOP-024


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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
OTHER PESTICIDES	0.1	ppb	100	ND
AVERMECTINS	0.0271	ppb	70	ND
AZOXYSTROBIN	0.0149	ppb	20	ND
BIFENAZATE	0.0118	ppb	20	ND
ETOXAZOLE	0.00645	ppb	10	ND
IMAZALIL	0.0646	ppb	40	ND
IMIDACLOPRID	0.00748	ppb	20	ND
MALATHION	0.01108	ppb	50	ND
MYCLOBUTANIL	0.0135	ppb	40	ND
PERMETHRINS	0.0131	ppb	40	ND
SPIROMESIFEN	0.0499	ppb	30	ND
SPIROTETRAMAT	0.0301	ppb	20	ND
SPINOSADS	0.0134	ppb	60	ND
TEBUCONAZOLE	0.0103	ppb	10	ND

Pesticides	LOD	Units	Action Level	Result
<div></div> <div>Pesticides</div>				PASSED
Analyzed by 1696	Weight 0.1606g	Extraction date 11/30/21 11:11:52	Extracted By 1696	
Analysis Method - SOP-060 (R5) , Analytical Batch - DE002713PES Instrument Used : Sciex 6500 Qtrap - Pesticides Running On :			Batch Date : 11/29/21 12:32:14	
Reagent	Dilution	Consums. ID		
111521.R01	25	07051275		
112321.R03		ASO-8408		
112321.R01		B0045		
112921.R12		040CB-040D		
101821.R09		213685		
Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5). *				



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Batch# : <10% w/w
 water soluble CBD

Sampled : 11/23/21

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Sample Size Received : 10 gram

Total Weight/Volume : N/A

Completed : 12/03/21 **Expires:** 12/03/22

Sample Method : SOP-024

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	Residual Solvents	PASSED
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	Residual Solvents	PASSED
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Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	4.21421	ppm	1000	PASS	ND
ETHYL ACETATE	2.79218	ppm	1000	PASS	ND
BUTANES	15.794	ppm	1000	PASS	ND
BENZENE	0.47491	ppm	2	PASS	ND
METHANOL	1.27868	ppm	600	PASS	18.642
HEPTANE	3.25945	ppm	1000	PASS	16.23
PENTANES	13.828	ppm	1000	PASS	ND
TOLUENE	2.10881	ppm	180	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND
ETHANOL	2.70106	ppm	1000	PASS	ND
ACETONE	1.708	ppm	1000	PASS	ND
2-PROPANOL	1.58756	ppm	1000	PASS	<4.762
HEXANES	1.92798	ppm	60	PASS	ND

Analyzed by	Weight	Extraction date	Extracted By
7	0.1876g	12/03/21 09:12:55	7
Analysis Method -SOP-032 (R18) Analytical Batch -DE002727SOL Reviewed On - 12/03/21 11:20:35 Instrument Used : GC 5890 Running On : Batch Date : 12/02/21 08:25:57			
Reagent	Dilution	Consums. ID	
120221.R04	1	24160453	31726-2-1
		213685	
Residual solvents screening is performed using GC which can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.			



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Batch# : <10% w/w
 water soluble CBD

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Sample Size Received : 10 gram

Total Weight/Volume : N/A

Completed : 12/03/21 **Expires:** 12/03/22

Sample Method : SOP-024

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	Microbials	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Result
TOTAL_YEAST_AND_MOLD		not present in 1 gram.
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC		not present in 1 gram.
SALMONELLA_SPECIES		not present in 1 gram.
TOTAL_AEROBIC		0
TOTAL_COLIFORM		0

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
 Analytical Batch -DE002712MIC Batch Date : 11/29/21 12:31:43
 Instrument Used : Microbial - Full Panel
 Running On :

Analyzed by	Weight	Extraction date	Extracted By
6	3.88g	11/30/21 12:11:00	6

Reagent	Reagent	Reagent	Dilution	Consums. ID	Consums. ID	Consums. ID
112421.R04	101521.R04	102021.21	120221.R01	1	16564-106C6-106H	0
112921.R20	110321.R07	022221.53	110921.09		40898-021C4-021AI	20/08/30
112921.R11	111621.R05	112421.01	110921.10		210316-361-B	01859
112421.R01	081821.08	112221.R09			210622-687	00103
102121.R02	050521.02	120121.R08			210622-688	CH_2055133
101121.R06	100419.03	112221.R03			12265-115CC-115	1

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) methods and plating methods. If a pathogenic Escherichia Coli (STEC) or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Analyte	LOD	Units	Result	Action Level
AFLATOXIN G2	0.303	ppb	ND	20
AFLATOXIN G1	0.180	ppb	ND	20
AFLATOXIN B2	0.0904	ppb	ND	20
AFLATOXIN B1	1.327	ppb	ND	20
OCHRATOXIN A+	0.0491	ppb	ND	20
AFLATOXINS		ppb	0	20

Analysis Method -SOP-060 (R5)
 Analytical Batch -DE002714MYC | Reviewed On - 12/03/21 11:26:24
 Instrument Used : Sciex 6500 Qtrap - Mycotoxins
 Running On :
 Batch Date : 11/29/21 12:32:38

Analyzed by	Weight	Extraction date	Extracted By
1696	0.1606g	11/30/21 11:11:57	1696

Aflatoxins B1, B2, G1, G2, and Ochratoxin A testing using LC-MS via SOP-060 (R5). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be < 20µg/Kg. Ochratoxins must be < 5µg/Kg.

	Heavy Metals	PASSED
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Reagent	Reagent	Dilution	Consums. ID
082721.13	112921.01	50	210316-361-B
112321.R01			114CB-114E
112321.R02			12294-118CC-118
102121.03			234422
071620.05			
110521.R02			

Metal	LOD	Unit	Result	Action Level
ARSENIC	0.0020	ppm	<LOQ	0.2
CADMIUM	0.0016	ppm	ND	0.2
MERCURY	0.0035	ppm	ND	0.1
LEAD	0.0101	ppm	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
7	0.2085g	11/30/21 02:11:27	666

Analysis Method -SOP-050 (R5)
 Analytical Batch -DE002717HEA | Reviewed On - 12/01/21 09:10:41
 Instrument Used : Shimadzu 2030 ICP-MS
 Running On : 11/30/21 15:54:34
 Batch Date : 11/29/21 14:27:18

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP-050 (R5). Sample preparation for Heavy Metals Analysis via SOP-050 (R5).