



Green Leaf Lab®

251 Lathrop Way Suites D&E Sacramento, CA 95815
916-924-5227 / www.greenleaflabs.com
License#: C8-000078-LIC

Research and Development

Distributor

Scargo Labs
2100 Livingston St, Emeryville CA 94606

Cultivator/Manufacturer

Scargo Labs R&D
2100 Livingston, Oakland, CA



Sleep

Test RFID:

Lab Sample ID: S0C0028-05

Matrix: Industrial Hemp

Date Sampled: 03/03/20

Source RFID:

Batch Size: N/A

Date Received: 03/04/20

Source Batch ID: N/A

Sample Size: 7 Grams

Harvest/Processing Date:

Product Density: 0.93 g/mL

Results at a Glance

Overall Batch : PASS

Cannabinoids : PASS

Pesticides : PASS

Residual Solvent Analysis : PASS

Microbials : PASS

Metals : PASS

Foreign Material : PASS

Mycotoxins : PASS

Chuanwen Lu
Laboratory Director - 3/10/2020

LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per 16 CCR requirements



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Product Density: 0.93 g/mL

Date Sampled: 03/03/20

Date Received: 03/04/20

Harvest/Processing Date:

Potency Analysis by HPLC

Date/Time Extracted: 03/04/20 12:56

Analysis Method/SOP: C-001

Date/Time Analyzed: 03/04/20 16:31

Cannabinoids	LOD	LOQ	%	mg/g	mg/package
Total THC	0.0058	0.0060	< LOQ	< LOQ	< LOQ
Total CBD	0.0058	0.0060	3.652	36.52	1020
THCA	0.0058	0.0060	< LOQ	< LOQ	< LOQ
delta 9-THC	0.0058	0.0060	< LOQ	< LOQ	< LOQ
delta 8-THC	0.0058	0.0060	< LOQ	< LOQ	< LOQ
exo-THC	0.0058	0.0060	< LOQ	< LOQ	< LOQ
THCV	0.0058	0.0060	< LOQ	< LOQ	< LOQ
THCVA	0.0058	0.0060	< LOQ	< LOQ	< LOQ
CBD	0.0058	0.0060	3.652	36.52	1020
CBDA	0.0058	0.0060	< LOQ	< LOQ	< LOQ
CBDV	0.0058	0.0060	< LOQ	< LOQ	< LOQ
CBDVA	0.0058	0.0060	< LOQ	< LOQ	< LOQ
CBN	0.0058	0.0060	< LOQ	< LOQ	< LOQ
CBG	0.0058	0.0060	< LOQ	< LOQ	< LOQ
CBGA	0.0058	0.0060	< LOQ	< LOQ	< LOQ
CBC	0.0058	0.0060	< LOQ	< LOQ	< LOQ
Total Cannabinoids	0.0058	0.0060	3.652	36.52	1020

Unit weight = 28 g as provided by client

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

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Matrix: Industrial Hemp

Batch Size: N/A

Sample Size: 7 Grams

Product Density: 0.93 g/mL

Date Sampled: 03/03/20

Date Received: 03/04/20

Harvest/Processing Date:

Pesticide Analysis by GCMS/LCMS

Date/Time Extracted: 03/04/20 14:03

Date/Time GC Analyzed: 03/05/20 18:06

Analysis Method/SOP: RP-001

Date/Time LC Analyzed: 03/05/20 15:49

Analyte	Result	Action Level	LOD	LOQ	Units	Analyte	Result	Action Level	LOD	LOQ	Units
Abamectin	ND	0.1	0.06	0.08	ug/g	Acephate	ND	0.1	0.06	0.08	ug/g
Acequinocyl	ND	0.1	0.06	0.08	ug/g	Acetamidrid	ND	0.1	0.06	0.08	ug/g
Aldicarb	ND	0.06	0.06	0.08	ug/g	Azoxystrobin	ND	0.1	0.06	0.08	ug/g
Bifenazate	ND	0.1	0.06	0.08	ug/g	Bifenthrin	ND	3	0.06	0.08	ug/g
Boscalid	ND	0.1	0.06	0.08	ug/g	Captan	ND	0.7	0.5	0.5	ug/g
Carbaryl	ND	0.5	0.06	0.08	ug/g	Carbofuran	ND	0.06	0.06	0.08	ug/g
Chlorantraniliprole	ND	10	0.06	0.08	ug/g	Chlordane	ND	0.06	0.06	0.08	ug/g
Chlorfenapyr	ND	0.06	0.06	0.08	ug/g	Chlorpyrifos	ND	0.06	0.06	0.08	ug/g
Clofentezine	ND	0.1	0.06	0.08	ug/g	Coumaphos	ND	0.06	0.06	0.08	ug/g
Cyfluthrin	ND	2	0.2	0.7	ug/g	Cypermethrin	ND	1	0.2	0.5	ug/g
Daminozide	ND	0.06	0.06	0.08	ug/g	DDVP (Dichlorvos)	ND	0.06	0.06	0.08	ug/g
Diazinon	ND	0.1	0.06	0.08	ug/g	Dimethoate	ND	0.06	0.06	0.08	ug/g
Dimethomorph	ND	2	0.06	0.08	ug/g	Ethoprophos	ND	0.06	0.06	0.08	ug/g
Etofenprox	ND	0.06	0.06	0.08	ug/g	Etoxazole	ND	0.1	0.06	0.08	ug/g
Fenhexamid	ND	0.1	0.06	0.08	ug/g	Fenoxycarb	ND	0.06	0.06	0.08	ug/g
Fenpyroximate	ND	0.1	0.06	0.08	ug/g	Fipronil	ND	0.06	0.06	0.08	ug/g
Fonicamid	ND	0.1	0.06	0.08	ug/g	Fludioxonil	ND	0.1	0.06	0.08	ug/g
Hexythiazox	ND	0.1	0.06	0.08	ug/g	Imazalil	ND	0.06	0.06	0.08	ug/g
Imidacloprid	ND	5	0.06	0.08	ug/g	Kresoxim-methyl	ND	0.1	0.06	0.08	ug/g
Malathion	ND	0.5	0.06	0.08	ug/g	Metalaxyl	ND	2	0.06	0.08	ug/g
Methiocarb	ND	0.06	0.06	0.08	ug/g	Methomyl	ND	1	0.06	0.08	ug/g
Methyl parathion	ND	0.06	0.06	0.08	ug/g	Mevinphos	ND	0.06	0.06	0.08	ug/g
Myclobutanil	ND	0.1	0.06	0.08	ug/g	Naled	ND	0.1	0.06	0.08	ug/g
Oxamyl	ND	0.5	0.06	0.08	ug/g	Paclobutrazol	ND	0.06	0.06	0.08	ug/g
Pentachloronitrobenzene	ND	0.1	0.06	0.08	ug/g	Permethrins	ND	0.5	0.06	0.08	ug/g
Phosmet	ND	0.1	0.06	0.08	ug/g	Piperonyl butoxide	ND	3	0.06	0.08	ug/g
Prallethrin	ND	0.1	0.06	0.08	ug/g	Propiconazole	ND	0.1	0.06	0.08	ug/g
Propoxur	ND	0.06	0.06	0.08	ug/g	Pyrethrins	ND	0.5	0.06	0.08	ug/g
Pyridaben	ND	0.1	0.06	0.08	ug/g	Spinetoram	ND	0.1	0.06	0.08	ug/g
Spinosad	ND	0.1	0.06	0.08	ug/g	Spiromesifen	ND	0.1	0.06	0.08	ug/g
Spirotetramat	ND	0.1	0.06	0.08	ug/g	Spiroxamine	ND	0.06	0.06	0.08	ug/g
Tebuconazole	ND	0.1	0.06	0.08	ug/g	Thiacloprid	ND	0.06	0.06	0.08	ug/g
Thiamethoxam	ND	5	0.5	1.0	ug/g	Trifloxystrobin	ND	0.1	0.06	0.08	ug/g

ND - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted **Red**.

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Source RFID:

Batch Size: N/A

Date Received: 03/04/20

Source Batch ID: N/A

Sample Size: 7 Grams

Harvest/Processing Date:

Product Density: 0.93 g/mL

Residual Solvent Analysis by GCMS-HS

Date/Time Extracted: 03/05/20 10:19

Analysis Method/SOP: RS-001

Date/Time Analyzed: 03/05/20 22:30

Analyte	Result	Action Level	LOD	LOQ	Units
1,2-Dichloroethane	< LOQ	1	0.10	0.79	ug/g
Acetone	< LOQ	5000	0.10	986.6	ug/g
Acetonitrile	< LOQ	410	0.10	49.33	ug/g
Benzene	< LOQ	1	0.10	0.79	ug/g
Butane	< LOQ	5000	0.10	986.6	ug/g
Chloroform	< LOQ	1	0.10	0.79	ug/g
Ethanol	< LOQ	5000	0.10	986.6	ug/g
Ethyl acetate	< LOQ	5000	0.10	986.6	ug/g
Ethyl ether	< LOQ	5000	0.10	986.6	ug/g
Ethylene oxide	< LOQ	1	0.10	0.79	ug/g
Heptane	< LOQ	5000	0.10	986.6	ug/g
Hexane	< LOQ	290	0.10	49.33	ug/g
Isopropyl Alcohol	< LOQ	5000	0.10	986.6	ug/g
Methanol	< LOQ	3000	0.10	986.6	ug/g
Methylene chloride	< LOQ	1	0.10	0.79	ug/g
Pentane	< LOQ	5000	0.10	986.6	ug/g
Propane	< LOQ	5000	0.10	986.6	ug/g
Toluene	< LOQ	890	0.10	49.33	ug/g
Trichloroethylene	< LOQ	1	0.10	0.79	ug/g
xylenes (total)	< LOQ	2170	0.10	49.33	ug/g

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.

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Source Batch ID: N/A

Matrix: Industrial Hemp

Batch Size: N/A

Sample Size: 7 Grams

Product Density: 0.93 g/mL

Date Sampled: 03/03/20

Date Received: 03/04/20

Harvest/Processing Date:

Metals Analysis by ICPMS

Date/Time Extracted: 03/04/20 13:49

Analysis Method/SOP: HM-001

Date/Time Analyzed: 03/05/20 12:47

Analyte	Result	Action Level	LOD	LOQ	Units
Arsenic	0.05	0.2	0.01	0.05	ug/g
Cadmium	< LOQ	0.2	0.001	0.05	ug/g
Lead	< LOQ	0.5	0.002	0.05	ug/g
Mercury	< LOQ	0.1	0.004	0.01	ug/g

<LOQ - Results below the Limit of Quantitation

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Source RFID:

Lab Sample ID: S0C0028-05

Source Batch ID: N/A

Matrix: Industrial Hemp

Batch Size: N/A

Sample Size: 7 Grams

Product Density: 0.93 g/mL

Date Sampled: 03/03/20

Date Received: 03/04/20

Harvest/Processing Date:

Mycotoxins by LCMSMS

Date/Time Extracted: 03/04/20 14:03

Analysis Method/SOP: RP-001

Date/Time Analyzed: 03/05/20 13:46

Analyte	Result	Action Level	LOD	LOQ	Units
aflatoxin B1	< LOQ	5	1.99	4.99	ug/kg
aflatoxin B2	< LOQ	5	0.997	4.99	ug/kg
aflatoxin G1	< LOQ	5	0.997	4.99	ug/kg
aflatoxin G2	< LOQ	5	2.49	4.99	ug/kg
Ochratoxin A	< LOQ	20	9.97	12.5	ug/kg
Total Aflatoxins	< LOQ	20	0.997	4.99	ug/kg

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.

Microbials by PCR

Date/Time Extracted: 03/04/20 14:41

Analysis Method/SOP: MI-301

Date/Time Analyzed: 03/06/20 17:30

Analyte	Result	Action Level	LOD	LOQ	Units
Escherichia Coli	Pass	1	0.00	0.00	CFU/g
Salmonella	Pass	1	0.00	0.00	CFU/g

No detection in 1 gram

No detection in 1 gram

Filth and Foreign Material Inspection by Magnification

Date/Time Extracted: 03/04/20 12:53

Analysis Method/SOP: FM-001

Date/Time Analyzed: 03/04/20 12:57

Analyte	Result	Action Level	LOD	LOQ	Units
Foreign Material	Pass	1	1.00	1.00	FMU

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.

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