



**HEMP LABORATORY TEST
CERTIFICATE OF ANALYSIS**

SC Laboratories, LLC
100 Pioneer Street, Suite E
Santa Cruz, CA 95060
(866) 435-0709 | sclabs.com

Sample Name: NHS Isolate

LIMS Sample ID: 191121R012

Batch #: 2019008205

Source Metrc ID(s):

Sample Type: Concentrate, Product Inhalable

Batch Count:

Sample Count:

Unit Mass: 1 Grams per Unit

Serving Mass:

Density:

Date Collected: 11/21/2019

Date Received: 11/21/2019

Tested for:

License #:

Address:

Produced by:

License #:

Address:

Residual Solvent Test Results - Pass

11/23/2019

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
1,2-Dichloroethane	Pass ND	1.0	0.111 / 0.336
Benzene	Pass ND	1.0	0.043 / 0.132
Chloroform	Pass ND	1.0	0.064 / 0.195
Ethylene Oxide	Pass ND	1.0	0.136 / 0.413
Methylene chloride	Pass ND	1.0	0.172 / 0.521
Trichloroethylene	Pass ND	1.0	0.040 / 0.120
Acetone	Pass ND	5000.0	14.703 / 44.549
Acetonitrile	Pass ND	410.0	2.727 / 8.262
Butane	Pass ND	5000.0	5.672 / 17.185
Ethanol	Pass ND	5000.0	11.775 / 35.679
Ethyl acetate	Pass ND	5000.0	16.227 / 49.169
Ethyl ether	Pass ND	5000.0	11.608 / 35.172
Heptane	Pass ND	5000.0	12.982 / 39.336
Hexane	Pass ND	290.0	1.816 / 5.502
Isopropyl Alcohol	Pass ND	5000.0	15.358 / 46.536
Methanol	Pass ND	3000.0	15.584 / 47.220
Pentane	Pass 519,980	5000.0	12.355 / 37.434
Propane	Pass ND	5000.0	1.359 / 4.117
Toluene	Pass ND	890.0	7.174 / 21.736
Total Xylenes	Pass ND	2170.0	34.438 / 104.347

Microbiological Test Results - Pass

11/24/2019

PCR and fluorescence detection of microbiological impurities

	Results	Action Limit
Shiga toxin-producing Escherichia coli	Pass ND	ND
Salmonella spp.	Pass ND	ND
Aspergillus fumigatus	Pass ND	ND
Aspergillus flavus	Pass ND	ND
Aspergillus niger	Pass ND	ND
Aspergillus terreus	Pass ND	ND

3M Petrifilm and plate counts for microbiological contamination

Results (cfu/g)

Foreign Material Test Results

Water Activity Test Results

Results (Aw)

Action Limit Aw

Heavy Metal Test Results - Pass

11/25/2019

Heavy metal analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Cadmium	Pass ND	0.2	0.012 / 0.035
Lead	Pass ND	0.5	0.031 / 0.095
Arsenic	Pass ND	0.2	0.013 / 0.039
Mercury	Pass ND	0.1	0.002 / 0.005

Note

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
Authority: Section 26013, Business and Professions Code.
Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com
Sample must be marked as public to be viewable

Josh Wurzer
Josh Wurzer, President
Date: 11/26/2019



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Moisture Test Results

Results (%)

Cannabinoid Test Results

11/24/2019

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/g	%	LOD / LOQ mg/g
Δ9THC	ND	ND	0.052 / 0.158
Δ8THC	ND	ND	0.053 / 0.162
THCa	ND	ND	0.052 / 0.156
THCV	ND	ND	0.023 / 0.069
THCVa	ND	ND	0.091 / 0.276
CBD	993.175	99.3175	0.052 / 0.158
CBDa	ND	ND	0.052 / 0.156
CBDV	3.204	0.3204	0.021 / 0.063
CBDVa	ND	ND	0.037 / 0.111
CBG	ND	ND	0.03 / 0.092
CBGa	ND	ND	0.044 / 0.133
CBL	ND	ND	0.13 / 0.393
CBN	ND	ND	0.052 / 0.157
CBC	ND	ND	0.031 / 0.094
CBCa	ND	ND	0.129 / 0.392

Sum of Cannabinoids:	996.379	99.6379	996.379 mg/Unit
Total THC (Δ9THC+0.877*THCa)	ND	ND	ND
Total CBD (CBD+0.877*CBDa)	993.175	99.3175	993.175 mg/Unit
Δ9THC per Unit	Action Limit mg 1000.0	Pass	ND
Δ9THC per Serving			

Batch Photo



Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

mg/g % LOD / LOQ mg/g

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Pesticide Test Results - Pass

11/23/2019

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Abamectin	Pass ND	0.1	0.030 / 0.091
Acephate	Pass ND	0.1	0.013 / 0.039
Acequinocyl	Pass ND	0.1	0.010 / 0.031
Acetamiprid	Pass ND	0.1	0.013 / 0.038
Azoxystrobin	Pass ND	0.1	0.015 / 0.047
Bifenazate	Pass ND	0.1	0.012 / 0.035
Bifenthrin	Pass ND	3.0	0.013 / 0.038
Boscalid	Pass ND	0.1	0.008 / 0.023
Captan	Pass ND	0.7	0.099 / 0.300
Carbaryl	Pass ND	0.5	0.014 / 0.043
Chlorantraniliprole	Pass ND	10.0	0.020 / 0.061
Clofentezine	Pass ND	0.1	0.009 / 0.027
Cyfluthrin	Pass ND	2.0	0.099 / 0.299
Cypermethrin	Pass ND	1.0	0.030 / 0.091
Diazinon	Pass ND	0.1	0.009 / 0.027
Dimethomorph	Pass ND	2.0	0.018 / 0.055
Etoxazole	Pass ND	0.1	0.007 / 0.022
Fenhexamid	Pass ND	0.1	0.015 / 0.045
Fenpyroximate	Pass ND	0.1	0.012 / 0.036
Flonicamid	Pass ND	0.1	0.022 / 0.066
Fludioxonil	Pass ND	0.1	0.020 / 0.061
Hexythiazox	Pass ND	0.1	0.009 / 0.027
Imidacloprid	Pass ND	5.0	0.017 / 0.050
Kresoxim-methyl	Pass ND	0.1	0.010 / 0.029
Malathion	Pass ND	0.5	0.006 / 0.019
Metalaxyl	Pass ND	2.0	0.011 / 0.033
Methomyl	Pass ND	1.0	0.022 / 0.067
Myclobutanil	Pass ND	0.1	0.015 / 0.044
Naled	Pass ND	0.1	0.010 / 0.031
Oxamyl	Pass ND	0.5	0.014 / 0.042
Pentachloronitrobenzene	Pass ND	0.1	0.020 / 0.061
Permethrin	Pass ND	0.5	0.027 / 0.082
Phosmet	Pass ND	0.1	0.010 / 0.030
Piperonylbutoxide	Pass ND	3.0	0.007 / 0.020
Prallethrin	Pass ND	0.1	0.011 / 0.032
Propiconazole	Pass ND	0.1	0.004 / 0.013
Pyrethrins	Pass ND	0.5	0.012 / 0.036
Pyridaben	Pass ND	0.1	0.007 / 0.020
Spinetoram	Pass ND	0.1	0.006 / 0.017
Spinosad	Pass ND	0.1	0.010 / 0.031
Spiromesifen	Pass ND	0.1	0.005 / 0.015
Spirotetramat	Pass ND	0.1	0.014 / 0.042
Tebuconazole	Pass ND	0.1	0.006 / 0.018
Thiamethoxam	Pass ND	5.0	0.011 / 0.033
Trifloxystrobin	Pass ND	0.1	0.007 / 0.020

Pesticide Test Results - Pass

11/23/2019

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Aldicarb	Pass ND	ND	0.030 / 0.091
Carbofuran	Pass ND	ND	0.029 / 0.089
Chlordane	Pass ND	ND	0.032 / 0.097
Chlorfenapyr	Pass ND	ND	0.030 / 0.090
Chlorpyrifos	Pass ND	ND	0.029 / 0.089
Coumaphos	Pass ND	ND	0.030 / 0.091
Daminozide	Pass ND	ND	0.029 / 0.089
DDVP (Dichlorvos)	Pass ND	ND	0.029 / 0.089
Dimethoate	Pass ND	ND	0.029 / 0.089
Ethoprop(hos)	Pass ND	ND	0.029 / 0.089
Etofenprox	Pass ND	ND	0.029 / 0.089
Fenoxycarb	Pass ND	ND	0.029 / 0.089
Fipronil	Pass ND	ND	0.029 / 0.089
Imazail	Pass ND	ND	0.029 / 0.089
Methiocarb	Pass ND	ND	0.029 / 0.089
Methyl parathion	Pass ND	ND	0.029 / 0.089
Mevinphos	Pass ND	ND	0.029 / 0.089
Pacllobutrazol	Pass ND	ND	0.029 / 0.089
Propoxur	Pass ND	ND	0.029 / 0.089
Spiroxamine	Pass ND	ND	0.029 / 0.089
Thiacloprid	Pass ND	ND	0.029 / 0.089

Mycotoxin Test Results

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

Results (µg/kg) Action Limit µg/kg LOD / LOQ µg/kg

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