

(510) 887-8885 http://www.harrenslab.com Lic# C8-0000021-LIC DEA#: RH0490805

ES-CBGA-BS-151

Produced:

Strain: ES-CBGA-BS-151 Matrix: Concentrates & Extracts

Type: Other

Sample Size: ; Batch:

Collected: 02/08/2022 Received: 02/08/2022 Completed: 02/10/2022

Batch#:



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	02/09/2022	Complete
Moisture	02/09/2022	12.07%
Residual Solvents	02/08/2022	Pass
Mycotoxins	02/09/2022	Pass
Pesticides	02/10/2022	Pass
Heavy Metals	02/10/2022	Pass

Cannabinoids Complete

ND

Total THC

97.50%

Total CBGa

99.51%

Total Cannabinoids

Analyte	LOD	LOQ	Result	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit	mg/serving
THCa	0.04000	0.14000	ND	ND	ND	
Δ9-THC	0.07000	0.21000	ND	ND	ND	
CBDa	0.03000	0.1000	0.99	9.90	9.90	LUDOLUCIY
CBD	0.05000	0.15000	ND	ND	ND	
CBN	0.03000	0.08000	ND	ND	ND	
CBGa	0.033000	0.1000	97.50	975.00	975.00	
CBG	0.07000	0.22000	1.02	10.20	10.20	I I
Total THC			ND	ND	ND	ND
Total CBD			0.87	8.68	8.68	
Total			99.51	995.10	995.10	0.00

1 Unit = g, 1g. Determination of Cannabinoids by HPLC, HL223 Total THC = THCa * 0.877 + Δ 9-THC Total CBD = CBDa * 0.877 + CBD

ND = Not Detected; NR = Not Reported; LOD = Limit of Detection; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. HL105.10-01

> Ming Li - General Manager 02/10/2022



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Harrens Lab Inc 3507 Breakwater Ave Hayward, CA 94545 (510) 887-8885 http://www.harrenslab.com Lic# C8-0000021-LIC DEA#: RH0490805

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Pesticides Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	μg/g			µg/g	µg/g	µg/g	μg/g	
Abamectin	0.03	0.1	0.1	ND	Pass	Fludioxonil	0.03	0.1	0.1	ND	Pass
Acephate	0.03	0.1	0.1	ND	Pass	Hexythiazox	0.03	0.1	0.1	ND	Pass
Acequinocyl	0.03	0.1	0.1	ND	Pass	Imazalil	0.03	0.1	0.03	ND	Pass
Acetamiprid	0.03	0.1	0.1	ND	Pass	Imidacloprid	0.03	0.1	5	ND	Pass
Aldicarb	0.03	0.1	0.03	ND	Pass	Kresoxim Methyl	0.03	0.1	0.1	ND	Pass
Azoxystrobin	0.03	0.1	0.1	ND	Pass	Malathion	0.03	0.1	0.5	ND	Pass
Bifenazate	0.03	0.1	0.1	ND	Pass	Metalaxyl	0.03	0.1	2	ND	Pass
Bifenthrin	0.03	0.1	3	ND	Pass	Methiocarb	0.03	0.1	0.03	ND	Pass
Boscalid	0.03	0.1	0.1	ND	Pass	Methomyl	0.03	0.1	1	ND	Pass
Captan	0.03	0.1	0.7	ND	Pass	Mevinphos	0.03	0.1	0.03	ND	Pass
Carbaryl	0.03	0.1	0.5	ND	Pass	Myclobutanil	0.03	0.1	0.1	ND	Pass
Carbofuran	0.03	0.1	0.03	ND	Pass	Naled	0.03	0.1	0.1	ND	Pass
Chlorantraniliprole	0.03	0.1	10	ND	Pass	Oxamyl	0.03	0.1	0.5	ND	Pass
Chlordane	0.03	0.1	0.03	ND	Pass	Paclobutrazol	0.03	0.1	0.03	ND	Pass
Chlorfenapyr	0.03	0.1	0.03	ND	Pass	Parathion Methyl	0.03	0.1	0.03	ND	Pass
Chlorpyrifos	0.03	0.1	0.03	ND	Pass	Pentachloronitrobenzene	0.03	0.1	0.1	ND	Pass
Clofentezine	0.03	0.1	0.1	ND	Pass	Permethrin	0.03	0.1	0.5	ND	Pass
Coumaphos	0.03	0.1	0.03	ND	Pass	Phosmet	0.03	0.1	0.1	ND	Pass
Cyfluthrin	0.03	0.1	2	ND	Pass	Piperonyl Butoxide	0.03	0.1	3	ND	Pass
Cypermethrin	0.03	0.1	1	ND	Pass	Prallethrin	0.03	0.1	0.1	ND	Pass
Daminozide	0.03	0.1	0.03	ND	Pass	Propiconazole	0.03	0.1	0.1	ND	Pass
Diazinon	0.03	0.1	0.1	ND	Pass	Propoxur	0.03	0.1	0.03	ND	Pass
Dichlorvos	0.03	0.1	0.03	ND	Pass	Pyrethrins	0.03	0.1	0.5	ND	Pass
Dimethoate	0.03	0.1	0.03	ND	Pass	Pyridaben	0.03	0.1	0.1	ND	Pass
Dimethomorph	0.03	0.1	2	ND	Pass	Spinetoram	0.03	0.1	0.1	ND	Pass
Ethoprophos	0.03	0.1	0.03	ND	Pass	Spinosad	0.03	0.1	0.1	ND	Pass
Etofenprox	0.03	0.1	0.03	ND	Pass	Spiromesifen	0.03	0.1	0.1	ND	Pass
Etoxazole	0.03	0.1	0.1	ND	Pass	Spirotetramat	0.03	0.1	0.1	ND	Pass
Fenhexamid	0.03	0.1	0.1	ND	Pass	Spiroxamine	0.03	0.1	0.03	ND	Pass
Fenoxycarb	0.03	0.1	0.03	ND	Pass	Tebuconazole	0.03	0.1	0.1	ND	Pass
Fenpyroximate	0.03	0.1	0.1	ND	Pass	Thiacloprid	0.03	0.1	0.03	ND	Pass
Fipronil	0.03	0.1	0.03	ND	Pass	Thiamethoxam	0.03	0.1	5	ND	Pass
Flonicamid	0.03	0.1	0.1	ND	Pass	Trifloxystrobin	0.03	0.1	0.1	ND	Pass

Date Tested: 02/10/2022

We analyze samples by AOAC Official Method 2007.01-Modified; ND = Not Detected; NR = Not Reported; LOD = Limit of Detection; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. HL105.10-01. Tested by LC/MS/MS and GC/MS/MS, HL201.2

Ming Li - General Manager 02/10/2022





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Residual Solvents					Pass
Analyte	LOD	LOQ	Limit	Results	Status
	μg/g	μg/g	μg/g	μg/g	
1,2-Dichloro-Ethane	0.15	0.45	1	ND	Pass
Acetone	1.62	4.92	5000	9.7	Pass
Acetonitrile	2.14	6.5	410	ND	Pass
Benzene	0.17	0.51	1	ND	Pass
Butane	10.12	30.68	5000	ND	Pass
Chloroform	0.2	0.6	1	ND	Pass
Ethanol	2.73	8.27	5000	24.2	Pass
Ethyl-Acetate	1.27	3.86	5000	ND	Pass
Ethyl-Ether	2.88	8.72	5000	ND	Pass
Ethylene Oxide	0.13	0.39	1	ND	Pass
Heptane	1.73	5.25	5000	ND	Pass
Isopropanol	2.03	6.14	5000	ND	Pass
Methanol	2.26	6.86	3000	ND	Pass
Methylene-Chloride	0.31	0.94	1	ND	Pass
n-Hexane	3.46	10.5	290	ND	Pass
Pentane	7.88	23.88	5000	ND	Pass
Propane	7.47	22.62	5000	ND	Pass
Toluene	1.37	4.16	890	ND	Pass
Trichloroethene	0.14	0.44	1	ND	Pass
Xylenes	2.86	8.68	2170	ND	Pass

Date Tested: 02/08/2022 ND = Not Detected; SOP HL231. Headspace GC-FID

Ming Li - General Manager 02/10/2022





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Batch#:

Heavy Metals					Pass
Analyte	LOD	LOQ	Limit	Mass	Status
	μg/g	μg/g	μg/g	μg/g	
Arsenic	0.07	0.20	0.2	ND	Pass
Cadmium	0.07	0.20	0.2	ND	Pass
Lead	0.17	0.50	0.5	ND	Pass
Mercury	0.03	0.10	0.1	ND	Pass



Date Tested: 02/10/2022 SOP HL 237. Tested by Atomic Fluorescence Spectrometry, HL237

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Mycotoxins					Pass
Analyte	LOD	LOQ	Limit	Mass	Status
•	µg/kg	μg/kg	μg/kg	μg/kg	
B1	0.97	2.95		ND	Tested
B2	0.51	1.56		ND	Tested
G1	0.65	1.98		ND	Tested
G2	0.55	1.67		ND	Tested
Ochratoxin A	0.55	1.66	20	ND	Pass
Total Aflatoxins			20	ND	Pass



Date Tested: 02/09/2022 SOP HL 240

Total Aflatoxins = Aflatoxin B1 + Aflatoxin B2 + Aflatoxin G1 + Aflatoxin G2. Each aflatoxin is tested individually. HL241. Tested by HPLC-FID, HL241

Ming Li General Manager

