



Landau Laboratories, Inc.
68031 Ramon Rd
Cathedral City, CA 92234

(213) 275-1929
<http://www.landaulabs.com>
Lic# C8-0000016-LIC



Regulatory Compliance Testing Certificate of Analysis

1 of 4

Marty McHigh

METRC Sample: 1A40603000223A9000234294; METRC Batch: 1A40603000223A9000253878

Sample ID: 2503LLI0264.0760
Strain: Marty McHigh
Matrix: Plant
Type: Flower - Cured
Sample Size: 35 g; Batch: 9,543 g

Produced: 03/06/2025
Collected: 03/13/2025
Received: 03/13/2025
Completed: 03/18/2025
Batch#: GMN_MMH14_362025

Distributor
GF Distribution LLC
Lic. # C11-0001268-LIC
64125 19th Ave, Suite 1F
Desert Hot Springs, CA 92240

Producer
Black Lion Farms LLC
Lic. # CCL21-0001239
64125 19th Avenue Building 2 Suite E
Desert Hot Springs, CA 92240



Summary

Test

Batch
Cannabinoids
Moisture
Water Activity
Terpenes
Microbials
Mycotoxins
Pesticides
Heavy Metals
Foreign Matter

Date Tested

03/14/2025
03/13/2025
03/13/2025
03/17/2025
03/13/2025
03/15/2025
03/15/2025
03/15/2025
03/13/2025

Result

Pass
Pass
10.8% - Complete
0.55 aw - Pass
Complete
Pass
Pass
Pass
Pass
Pass

Cannabinoids

Pass

30.454%	0.076%	30.659%	34.876%
Total THC	Total CBD	Total Cannabinoids (Neutral)	Sum of Cannabinoids

Analyte	LOQ mg/g	LOD mg/g	Results %	Results mg/g
THCa	0.212000	0.067000	34.202	342.02
Δ9-THC	0.350000	0.110000	0.459	4.59
Δ8-THC	0.353000	0.111000	ND	ND
THCV	0.368000	0.116000	ND	ND
CBDa	0.235000	0.074000	0.087	0.87
CBD	0.365000	0.115000	ND	ND
CBN	0.153000	0.048000	ND	ND
CBG	0.381000	0.120000	0.129	1.29
CBC	0.134000	0.042000	ND	ND
Total THC			30.454	304.542
Total CBD			0.076	0.760
Total			30.659	306.590

Date Tested: 03/14/2025

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total Cannabinoids is Total Neutral Cannabinoids = Total THC + Total CBD + THCV + CBDV + CBN + CBG + CBC + Δ8-THC + (CBGa + CBDVa) * 0.877; LOQ = Limit of Quantitation; ND = Not Detected; 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. Testing Method: SOP-001-1 & SOP-012. Instrument: HPLC-PDA.



Hripsime Aleksanyan - Quality Assurance Supervisor
03/18/2025

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All LQC ran in accordance with 4 CCR sec. 15730. MU values will be provided upon request. Moisture Content Method: SOP-007, FT-NIR. Water Activity Method: SOP-008, Water Activity Meter. Foreign Material Method: SOP-009, Visual Inspection. Sampling Method: SOP-010. Sample Preparation Method: SOP-011. This product has been tested by Landau Laboratories, Inc using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Quantitative Pass/Fail Conformity results have the decision rule of 'Simple Acceptance' applied as per ISO/IEC 17025:2017. Landau Laboratories, Inc makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced, except in full, without the written approval of Landau Laboratories, Inc.



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Marty McHigh

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Terpenes

Analyte	LOQ	LOD	Results	Results		Analyte	LOQ	LOD	Results	Results
	ug/g	ug/g	ug/g	%			ug/g	ug/g	ug/g	%
δ-Limonene	5.2	1.6	5062.0	0.5	<div></div>	Ocimene	11.0	3.5	56.4	0.0
α-Pinene	7.2	2.3	4906.2	0.5	<div></div>	Terpinolene	4.1	1.3	25.7	0.0
β-Myrcene	6.9	2.2	3132.5	0.3	<div></div>	α-Terpinene	4.3	1.3	23.7	0.0
β-Pinene	7.5	2.4	2811.4	0.3	<div></div>	γ-Terpinene	5.5	1.7	20.5	0.0
Caryophyllene	12.1	3.8	2464.0	0.2	<div></div>	d-3-Carene	6.8	2.1	ND	ND
Linalool	12.2	3.8	1353.8	0.1	<div></div>	cis-Nerolidol	7.9	2.5	ND	ND
α-Humulene	6.2	2.0	923.0	0.1	<div></div>	Eucalyptol	8.9	2.8	ND	ND
Camphene	8.9	2.8	660.0	0.1	<div></div>	Geraniol	18.7	5.9	ND	ND
α-Bisabolol	29.6	9.3	233.0	0.0	<div></div>	Isopulegol	10.6	3.3	ND	ND
Guaiol	36.8	11.6	225.4	0.0	<div></div>	p-Cymene	5.5	1.7	ND	ND
Caryophyllene Oxide	19.3	6.1	102.5	0.0	<div></div>	trans-Nerolidol	22.6	7.1	ND	ND
						Total			21999.9	2.2

Primary Aromas

 Lemon	 Pine	 Hops	 Cinnamon	 Lavender
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Date Tested: 03/17/2025

LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Testing Method: SOP-003. Instrument: HS/GC/MS



Hripsime Aleksanyan - Quality Assurance Supervisor
03/18/2025

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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	0.02	0.0608	0.1	ND	Pass	Fludioxonil	0.0063	0.0191	0.1	ND	Pass
Acephate	0.0032	0.0096	0.1	ND	Pass	Hexythiazox	0.0051	0.0155	0.1	ND	Pass
Acequinocyl	0.0048	0.0144	0.1	ND	Pass	Imazalil	0.0052	0.0156	0.0052	ND	Pass
Acetamiprid	0.0042	0.0127	0.1	ND	Pass	Imidacloprid	0.0053	0.016	5	ND	Pass
Aldicarb	0.0077	0.0232	0.0077	ND	Pass	Kresoxim Methyl	0.0035	0.0106	0.1	ND	Pass
Azoxystrobin	0.0038	0.0114	0.1	ND	Pass	Malathion	0.0053	0.0161	0.5	ND	Pass
Bifenazate	0.0056	0.017	0.1	ND	Pass	Metalaxyl	0.0045	0.0137	2	ND	Pass
Bifenthrin	0.0045	0.0136	3	ND	Pass	Methiocarb	0.0049	0.0148	0.0049	ND	Pass
Boscalid	0.0066	0.0199	0.1	ND	Pass	Methomyl	0.0048	0.0145	1	ND	Pass
Captan	0.0235	0.0712	0.7	ND	Pass	Mevinphos	0.0039	0.0118	0.0039	ND	Pass
Carbaryl	0.0042	0.0127	0.5	ND	Pass	Myclobutanil	0.006	0.0182	0.1	ND	Pass
Carbofuran	0.0051	0.0155	0.0051	ND	Pass	Naled	0.0021	0.0064	0.1	ND	Pass
Chlorantraniliprole	0.0062	0.0188	10	ND	Pass	Oxamyl	0.0069	0.0209	0.5	ND	Pass
Chlordane	0.0204	0.0619	0.0204	ND	Pass	Paclobutrazol	0.0059	0.0179	0.0059	ND	Pass
Chlorfenapyr	0.0217	0.0657	0.0217	ND	Pass	Methyl Parathion	0.0168	0.051	0.0168	ND	Pass
Chlorpyrifos	0.01	0.0303	0.01	ND	Pass	Pentachloronitrobenzene	0.0055	0.0168	0.1	ND	Pass
Clofentezine	0.0036	0.011	0.1	ND	Pass	Permethrin	0.0063	0.019	0.5	ND	Pass
Coumaphos	0.0068	0.0205	0.0068	ND	Pass	Phosmet	0.0043	0.0131	0.1	ND	Pass
Cyfluthrin	0.0217	0.0657	2	ND	Pass	Piperonyl Butoxide	0.006	0.0181	3	ND	Pass
Cypermethrin	0.0066	0.0199	1	ND	Pass	Prallethrin	0.0046	0.0139	0.1	ND	Pass
Daminozide	0.0058	0.0176	0.0058	ND	Pass	Propiconazole	0.0085	0.0258	0.1	ND	Pass
Diazinon	0.0074	0.0224	0.1	ND	Pass	Propoxur	0.0068	0.0206	0.0068	ND	Pass
Dichlorvos	0.0041	0.0123	0.0041	ND	Pass	Pyrethrins	0.0041	0.0125	0.5	ND	Pass
Dimethoate	0.0036	0.0108	0.0036	ND	Pass	Pyridaben	0.0061	0.0186	0.1	ND	Pass
Dimethomorph	0.0072	0.0217	2	ND	Pass	Spinetoram	0.005	0.015	0.1	ND	Pass
Ethoprophos	0.0041	0.0123	0.0041	ND	Pass	Spinosad	0.0052	0.0157	0.1	ND	Pass
Etofenprox	0.0044	0.0133	0.0044	ND	Pass	Spiromesifen	0.0061	0.0184	0.1	ND	Pass
Etoazole	0.0055	0.0167	0.1	ND	Pass	Spirotetramat	0.0042	0.0127	0.1	ND	Pass
Fenhexamid	0.0049	0.0147	0.1	ND	Pass	Spiroxamine	0.0048	0.0145	0.0048	ND	Pass
Fenoxycarb	0.0047	0.0142	0.0047	ND	Pass	Tebuconazole	0.006	0.0182	0.1	ND	Pass
Fenpyroximate	0.0055	0.0168	0.1	ND	Pass	Thiacloprid	0.0056	0.0169	0.0056	ND	Pass
Fipronil	0.0075	0.0227	0.0075	ND	Pass	Thiamethoxam	0.0047	0.0142	5	ND	Pass
Flonicamid	0.004	0.0122	0.1	ND	Pass	Trifloxystrobin	0.0023	0.007	0.1	ND	Pass

Date Tested: 03/15/2025

LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Testing Method: SOP-002.
Instrument: LC-MSMS.



Hripsime Aleksanyan

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Microbials

Pass

Analyte	Results	Status
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga toxin-producing E. Coli	Not Detected in 1g	Pass
Salmonella SPP	Not Detected in 1g	Pass

Date Tested: 03/13/2025

TNTC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Testing Method: SOP-006. Instrument: PCR.

Mycotoxins

Pass

Analyte	LOD µg/kg	LOQ µg/kg	Limit µg/kg	Results µg/kg	Status
Aflatoxin B1	1.5	4.7		ND	Tested
Aflatoxin B2	1.4	4.3		ND	Tested
Aflatoxin G1	1	3		ND	Tested
Aflatoxin G2	1.3	3.9		ND	Tested
Total Aflatoxins			20	ND	Pass
Ochratoxin A	2.6	8	20	ND	Pass

Date Tested: 03/15/2025

LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Testing Method: SOP-002. Instrument: LC-MSMS.

Heavy Metals

Pass

Analyte	LOD µg/g	LOQ µg/g	Limit µg/g	Results µg/g	Status
Arsenic	0.0161	0.05	0.2	ND	Pass
Cadmium	0.0155	0.05	0.2	ND	Pass
Lead	0.0144	0.05	0.5	ND	Pass
Mercury	0.0012	0.005	0.1	<LOQ	Pass

Date Tested: 03/15/2025

LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Testing Method: SOP-005. Instrument: ICP-MS.



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