



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

(213) 275-1929
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Lic# C8-000016-LIC



Regulatory Compliance Testing
Certificate of Analysis

1 of 4

Gramlin All-In-One Vape - Strawberry Banana 1g

METRC Sample: 1A40603000223A9000303714; METRC Batch: 1A406030000539B000004340

Sample ID: 2510LLI1826.4744	Produced: 10/23/2025	Distributor	Producer
Strain: Strawberry Banana	Collected: 10/28/2025	GF Distribution LLC	BLACK LION LABS LLC
Matrix: Concentrates & Extracts	Received: 10/28/2025	Lic. # C11-0001268-LIC	Lic. # DCC-10002287
Type: Vape	Completed: 11/04/2025	64125 19th Ave, Suite 1F	64125 19TH AVE DESERT HOT SPRINGS, CA 92240
Sample Size: 20 units; Batch: 4,982 units	Batch#: 251021-GRMLN-SB	Desert Hot Springs, CA 92240	



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	10/30/2025	Pass
Residual Solvents	10/29/2025	Pass
Microbials	10/29/2025	Pass
Mycotoxins	10/29/2025	Pass
Pesticides	11/03/2025	Pass
Heavy Metals	10/29/2025	Pass
Foreign Matter	10/29/2025	Pass

Cannabinoids

Pass

90.490%	3.172%	98.006%	98.006%
Total THC	Total CBD	Total Cannabinoids (Neutral)	Sum of Cannabinoids

Analyte	LOQ	LOD	Results	Results	Results	Results
	mg/g	mg/g	%	mg/g	mg/serving	mg/container
THCa	0.500000	0.000050	ND	ND	ND	ND
Δ9-THC	0.500000	0.000052	90.490	904.90	0.905	904.895
Δ8-THC	0.500000	0.000057	ND	ND	ND	ND
THCV	0.500000	0.000114	0.709	7.09	0.007	7.088
CBDa	0.500000	0.000013	ND	ND	ND	ND
CBD	0.500000	0.000153	3.172	31.72	0.032	31.719
CBDV	0.500000	0.000068	ND	ND	ND	ND
CBN	0.500000	0.000048	0.484	4.84	0.005	4.838
CBGa	0.500000	0.000043	ND	ND	ND	ND
CBG	0.500000	0.000069	2.182	21.82	0.022	21.816
CBC	0.500000	0.000014	0.970	9.70	0.010	9.699
Total THC			90.490	904.895	0.905	904.895
Total CBD			3.172	31.719	0.032	31.719
Total			98.005	980.055	0.980	980.055

Date Tested: 10/30/2025

1000 serving(s) per container.

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
11/04/2025

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coa.support@confidentlims.com
(866) 506-5866
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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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Matrix: Concentrates & Extracts	Received: 10/28/2025	Lic. # C11-0001268-LIC	Lic. # DCC-10002287
Type: Vape	Completed: 11/04/2025	64125 19th Ave, Suite 1F	64125 19TH AVE DESERT HOT SPRINGS, CA 92240
Sample Size: 20 units; Batch: 4,982 units	Batch#: 251021-GRMLN-SB	Desert Hot Springs, CA 92240	

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	0.0275	0.0835	0.1	ND	Pass	Fludioxonil	0.0124	0.0374	0.1	ND	Pass
Acephate	0.0054	0.0165	0.1	ND	Pass	Hexythiazox	0.0092	0.028	0.1	ND	Pass
Acequinocyl	0.0051	0.0154	0.1	ND	Pass	Imazalil	0.0116	0.0351	0.0116	ND	Pass
Acetamiprid	0.0061	0.0185	0.1	ND	Pass	Imidacloprid	0.0149	0.045	5	ND	Pass
Aldicarb	0.0084	0.0255	0.0084	ND	Pass	Kresoxim Methyl	0.0124	0.0377	0.1	ND	Pass
Azoxystrobin	0.009	0.0274	0.1	ND	Pass	Malathion	0.008	0.0242	0.5	ND	Pass
Bifenazate	0.0107	0.0326	0.1	ND	Pass	Metalaxyl	0.0061	0.0186	2	ND	Pass
Bifenthrin	0.0098	0.0297	3	ND	Pass	Methiocarb	0.0089	0.0271	0.0089	ND	Pass
Boscalid	0.0129	0.039	0.1	ND	Pass	Methomyl	0.0086	0.0262	1	ND	Pass
Captan	0.2067	0.6264	0.7	ND	Pass	Mevinphos	0.0071	0.0216	0.0071	ND	Pass
Carbaryl	0.009	0.0271	0.5	ND	Pass	Myclobutanil	0.0107	0.0323	0.1	ND	Pass
Carbofuran	0.0077	0.0235	0.0077	ND	Pass	Naled	0.0075	0.0228	0.1	ND	Pass
Chlorantraniliprole	0.0084	0.0253	10	ND	Pass	Oxamyl	0.0034	0.0103	0.5	ND	Pass
Chlordane	0.0282	0.0856	0.0282	ND	Pass	Pacllobutrazol	0.0114	0.0344	0.0114	ND	Pass
Chlorfenapyr	0.0171	0.0519	0.0171	ND	Pass	Methyl Parathion	0.0122	0.037	0.0122	ND	Pass
Chlorpyrifos	0.0178	0.054	0.0178	ND	Pass	Pentachloronitrobenzene	0.0076	0.0231	0.1	ND	Pass
Clofentezine	0.0058	0.0176	0.1	ND	Pass	Permethrin	0.009	0.0274	0.5	ND	Pass
Coumaphos	0.0045	0.0137	0.0045	ND	Pass	Phosmet	0.0106	0.032	0.1	ND	Pass
Cyfluthrin	0.1387	0.4204	2	ND	Pass	Piperonyl Butoxide	0.0063	0.0191	3	ND	Pass
Cypermethrin	0.0116	0.0352	1	ND	Pass	Prallethrin	0.0144	0.0437	0.1	ND	Pass
Daminozide	0.0141	0.0427	0.0141	ND	Pass	Propiconazole	0.0049	0.0148	0.1	ND	Pass
Diazinon	0.0063	0.019	0.1	ND	Pass	Propoxur	0.0082	0.0247	0.0082	ND	Pass
Dichlorvos	0.0093	0.0281	0.0093	ND	Pass	Pyrethrins	0.0381	0.1156	0.5	ND	Pass
Dimethoate	0.0056	0.0169	0.0056	ND	Pass	Pyridaben	0.0087	0.0263	0.1	ND	Pass
Dimethomorph	0.0071	0.0216	2	ND	Pass	Spinetoram	0.0074	0.0223	0.1	ND	Pass
Ethoprophos	0.0082	0.0249	0.0082	ND	Pass	Spinosad	0.008	0.0243	0.1	ND	Pass
Etofenprox	0.007	0.0212	0.007	ND	Pass	Spiromesifen	0.0067	0.0203	0.1	ND	Pass
Etoxazole	0.0045	0.0137	0.1	ND	Pass	Spirotetramat	0.0101	0.0308	0.1	ND	Pass
Fenhexamid	0.0079	0.024	0.1	ND	Pass	Spiroxamine	0.004	0.0122	0.004	ND	Pass
Fenoxycarb	0.0062	0.0188	0.0062	ND	Pass	Tebuconazole	0.012	0.0364	0.1	ND	Pass
Fenpyroximate	0.0056	0.017	0.1	ND	Pass	Thiacloprid	0.0059	0.0179	0.0059	ND	Pass
Fipronil	0.0079	0.0239	0.0079	ND	Pass	Thiamethoxam	0.0082	0.0248	5	ND	Pass
Flonicamid	0.0065	0.0198	0.1	ND	Pass	Trifloxystrobin	0.0074	0.0225	0.1	ND	Pass

Date Tested: 11/03/2025

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 - Quality Assurance Supervisor
11/04/2025

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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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Sample Size: 20 units; Batch: 4,982 units	Batch#: 251021-GRMLN-SB	Desert Hot Springs, CA 92240	

Residual Solvents

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.01	0.36	1	ND	Pass
Acetone	2.16	54.00	5000	ND	Pass
Acetonitrile	0.04	4.32	410	17.94	Pass
Benzene	0.07	0.18	1	ND	Pass
Butane	2.30	11.52	5000	ND	Pass
Chloroform	0.06	0.36	1	ND	Pass
Ethanol	2.88	14.40	5000	ND	Pass
Ethyl-Acetate	1.15	28.80	5000	ND	Pass
Ethyl-Ether	1.44	36.00	5000	ND	Pass
Ethylene Oxide	0.37	0.94	1	ND	Pass
Heptane	1.44	36.00	5000	ND	Pass
Isopropanol	0.18	36.00	5000	<LOQ	Pass
Methanol	0.72	18.00	3000	<LOQ	Pass
Methylene-Chloride	0.02	0.36	1	ND	Pass
n-Hexane	0.14	3.60	290	ND	Pass
Pentane	2.22	10.80	5000	ND	Pass
Propane	12.50	25.00	5000	ND	Pass
Toluene	0.43	2.16	890	ND	Pass
Trichloroethylene	0.07	0.36	1	ND	Pass
m+p Xylene	0.86	4.32			
o-Xylene	0.43	2.16			
Total Xylenes			2170	ND	Pass

Date Tested: 10/29/2025

LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Testing Method: SOP-004

Instrument: HS-GC/MS



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11/04/2025

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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: 10/29/2025

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	LOQ	Limit	Results	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.4645	4.4378		ND	Tested
Aflatoxin B2	1.6864	5.1103		ND	Tested
Aflatoxin G1	1.6979	5.1453		ND	Tested
Aflatoxin G2	1.409	4.2697		ND	Tested
Total Aflatoxins			20	ND	Pass
Ochratoxin A	4.5809	13.8815	20	ND	Pass

Date Tested: 10/29/2025

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	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
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	ND	Pass

Date Tested: 10/29/2025

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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