



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 5

Gramlin Live Rosin All-In-One Vape - Pink Whip 1g

METRC Sample: 1A40603000223A9000254995; METRC Batch: 1A4060300003A3E000000694

Sample ID: 2503LLI0218.0652
Strain: Pink Whip
Matrix: Concentrates & Extracts
Type: Vape
Sample Size: 15 units; Batch: 2,499 units

Produced: 03/04/2025
Collected: 03/06/2025
Received: 03/06/2025
Completed: 03/13/2025
Batch#: 250303-GRRO-PW

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

Producer
ONE LED CA LLC
Lic. # CDPH-10003056
64125 19TH AVE UNIT 1D DESERT HOT
SPRINGS, CA 92240



Summary

Test

Batch
Cannabinoids
Terpenes
Residual Solvents
Microbials
Mycotoxins
Pesticides
Heavy Metals
Foreign Matter

Date Tested

03/07/2025
03/11/2025
03/08/2025
03/06/2025
03/06/2025
03/06/2025
03/12/2025
03/06/2025

Result

Pass
Pass
Complete
Pass
Pass
Pass
Pass
Pass
Pass

Cannabinoids

Pass

80.438%	ND	83.613%	83.756%
Total THC	Total CBD	Total Cannabinoids (Neutral)	Sum of Cannabinoids

Analyte	LOQ mg/g	LOD mg/g	Results %	Results mg/g	Results mg/serving	Results mg/container
THCa	0.000319	0.000100	1.165	11.65	0.012	11.652
Δ9-THC	0.000332	0.000104	79.416	794.16	0.794	794.162
Δ8-THC	0.000365	0.000115	ND	ND	ND	ND
THCV	0.000724	0.000228	ND	ND	ND	ND
CBDa	0.000083	0.000026	ND	ND	ND	ND
CBD	0.000974	0.000228	ND	ND	ND	ND
CBDV	0.000432	0.000136	ND	ND	ND	ND
CBN	0.000303	0.000095	ND	ND	ND	ND
CBGa	0.000273	0.000086	ND	ND	ND	ND
CBG	0.000442	0.000139	1.583	15.83	0.016	15.830
CBC	0.000089	0.000028	1.592	15.92	0.016	15.916
Total THC			80.438	804.381	0.804	804.381
Total CBD			ND	ND	ND	ND
Total			83.613	836.127	0.836	836.127

Date Tested: 03/07/2025

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

Hripsime Aleksanyan - Quality Assurance Supervisor
03/13/2025

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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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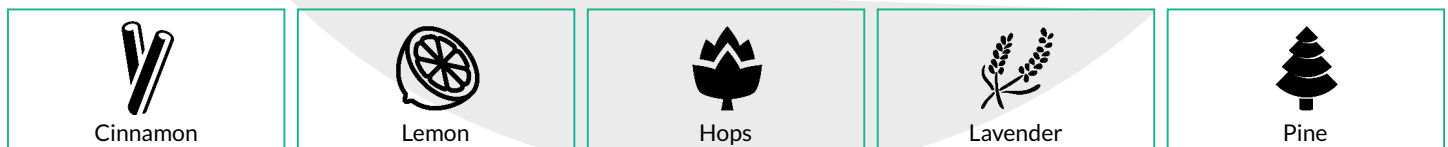
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Terpenes

Analyte	LOQ	LOD	Results	Results		Analyte	LOQ	LOD	Results	Results
	ug/g	ug/g	ug/g	%			ug/g	ug/g	ug/g	%
Caryophyllene	12.1	3.8	23405.8	2.3	<div></div>	Caryophyllene Oxide	19.3	6.1	149.9	0.0
δ-Limonene	5.2	1.6	10156.3	1.0	<div></div>	Terpinolene	4.1	1.3	146.8	0.0
α-Humulene	6.2	2.0	8514.3	0.9	<div></div>	α-Terpinene	4.3	1.3	58.0	0.0
Linalool	12.2	3.8	6622.6	0.7	<div></div>	γ-Terpinene	5.5	1.7	48.0	0.0
α-Pinene	7.2	2.3	6518.6	0.7	<div></div>	d-3-Carene	6.8	2.1	ND	ND
β-Myrcene	6.9	2.2	4074.1	0.4	<div></div>	cis-Nerolidol	7.9	2.5	ND	ND
α-Bisabolol	29.6	9.3	3515.0	0.4	<div></div>	Eucalyptol	8.9	2.8	ND	ND
Guaiol	36.8	11.6	1890.2	0.2	<div></div>	Geraniol	18.7	5.9	ND	ND
Camphene	8.9	2.8	1155.0	0.1	<div></div>	Isopulegol	10.6	3.3	ND	ND
β-Pinene	7.5	2.4	843.0	0.1	<div></div>	Ocimene	11.0	3.5	ND	ND
trans-Nerolidol	22.6	7.1	486.1	0.0	<div></div>	p-Cymene	5.5	1.7	ND	ND
						Total			67583.5	6.8

Primary Aromas



Date Tested: 03/11/2025

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
03/13/2025

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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: 03/06/2025

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

Hripsime Aleksanyan - Quality Assurance Supervisor
03/13/2025

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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	0.2	0.5	1	ND	Pass
Acetone	25.7	81.6	5000	ND	Pass
Acetonitrile	3.5	11.2	410	<LOQ	Pass
Benzene	0.03	0.1	1	ND	Pass
Butane	1.6	5.1	5000	ND	Pass
Chloroform	0.1	0.2	1	ND	Pass
Ethanol	1.6	5.1	5000	41.89	Pass
Ethyl-Acetate	1.7	5.6	5000	ND	Pass
Ethyl-Ether	1.7	5.4	5000	ND	Pass
Ethylene Oxide	0.1	0.4	1	ND	Pass
Heptane	2.2	7.1	5000	ND	Pass
Isopropanol	4.4	14	5000	ND	Pass
Methanol	4.3	13.6	3000	79.20	Pass
Methylene-Chloride	0.2	0.6	1	ND	Pass
n-Hexane	0.1	0.4	290	ND	Pass
Pentane	5.4	17.2	5000	ND	Pass
Propane	8.7	27.6	5000	ND	Pass
Toluene	1.1	3.4	890	ND	Pass
Trichloroethylene	0.04	0.1	1	ND	Pass
m+p Xylene	4.9	15.7			
o-Xylene	1.4	4.4			
Total Xylenes			2170	ND	Pass

Date Tested: 03/08/2025

LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Testing Method: SOP-004 and SOP-004-1 (not part of ISO scope) Instrument: HS-GC/MS



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03/13/2025

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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: 03/06/2025

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	1.5	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: 03/06/2025

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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: 03/12/2025

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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