



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

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



GRAPE

Sample ID: 2407LLI1383.3861
Strain: GRAPE
Matrix: Ingestible
Type: Hard Lozenge
Sample Size: ; Batch:

Produced: 06/13/2024
Collected: 07/01/2024
Received: 07/01/2024
Completed: 07/07/2024
Batch#: SCFN1644SA

Client
SoCal First Nations
Lic. #
25575 Highway 79
Santa Ysabel, CA 92070



Summary

| Test | Date Tested | Result |
|-------------------|-------------|----------------|
| Batch | | Pass |
| Cannabinoids | 07/06/2024 | Pass |
| Water Activity | 07/01/2024 | 0.33 aw - Pass |
| Residual Solvents | 07/05/2024 | Pass |
| Microbials | 07/02/2024 | Pass |
| Mycotoxins | 07/03/2024 | Pass |
| Pesticides | 07/03/2024 | Pass |
| Heavy Metals | 07/02/2024 | Pass |
| Foreign Matter | 07/01/2024 | Pass |

Cannabinoids

Pass

| | | | |
|--------------------------|-----------|------------------------------|--------------------------|
| 10.517 mg/serving | ND | 10.517 mg/serving | 10.517 mg/serving |
| Total THC | Total CBD | Total Cannabinoids (Neutral) | Sum of Cannabinoids |

| Analyte | LOQ | LOD | Results | Results | Results | Results |
|------------------|-----------|-----------|---------------|--------------|---------------|---------------|
| | mg/g | mg/g | mg/serving | mg/g | mg/serving | mg/container |
| THCa | 0.0000040 | 0.0000010 | ND | ND | ND | ND |
| Δ9-THC | 0.0000040 | 0.0000010 | 10.517 | 0.809 | 10.517 | 10.517 |
| Δ8-THC | 0.0000050 | 0.0000010 | ND | ND | ND | ND |
| THCV | 0.0000090 | 0.0000030 | ND | ND | ND | ND |
| CBDa | 0.0000010 | 0.0000003 | ND | ND | ND | ND |
| CBD | 0.0000120 | 0.0000040 | ND | ND | ND | ND |
| CBDV | 0.0000050 | 0.0000020 | ND | ND | ND | ND |
| CBN | 0.0000040 | 0.0000010 | ND | ND | ND | ND |
| CBGa | 0.0000030 | 0.0000010 | ND | ND | ND | ND |
| CBG | 0.0000060 | 0.0000020 | ND | ND | ND | ND |
| CBC | 0.0000010 | 0.0000003 | ND | ND | ND | ND |
| Total THC | | | 10.517 | 0.809 | 10.517 | 10.517 |
| Total CBD | | | ND | ND | ND | ND |
| Total | | | 10.517 | 0.809 | 10.517 | 10.517 |

Date Tested: 07/06/2024

1 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 (not part of ISO scope). Instrument: HPLC-PDA.



Hripsime Aleksanyan - Quality Assurance Supervisor
07/07/2024

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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 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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25575 Highway 79
Santa Ysabel, CA 92070

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 | Pacllobutrazol | 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 |
| Etoxazole | 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 |
| Fonicamid | 0.004 | 0.0122 | 0.1 | ND | Pass | Trifloxystrobin | 0.0023 | 0.007 | 0.1 | ND | Pass |

Date Tested: 07/03/2024

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
07/07/2024

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Matrix: Ingestible
Type: Hard Lozenge
Sample Size: ; Batch:

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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 | ND | 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 | ND | 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 | ND | 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 | 2.13 | Pass |

Date Tested: 07/05/2024

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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07/07/2024

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Microbials

Pass

| Analyte | Results | Status |
|-------------------------------|--------------------|--------|
| Shiga toxin-producing E. Coli | Not Detected in 1g | Pass |
| Salmonella SPP | Not Detected in 1g | Pass |

Date Tested: 07/02/2024

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: 07/03/2024

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 | 0.006 | 0.019 | 1.5 | ND | Pass |
| Cadmium | 0.010 | 0.033 | 0.5 | ND | Pass |
| Lead | 0.002 | 0.006 | 0.5 | <LOQ | Pass |
| Mercury | 0.001 | 0.002 | 3 | 0.0023 | Pass |

Date Tested: 07/02/2024

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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07/07/2024

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