



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

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



# QA Testing Certificate of Analysis

1 of 4

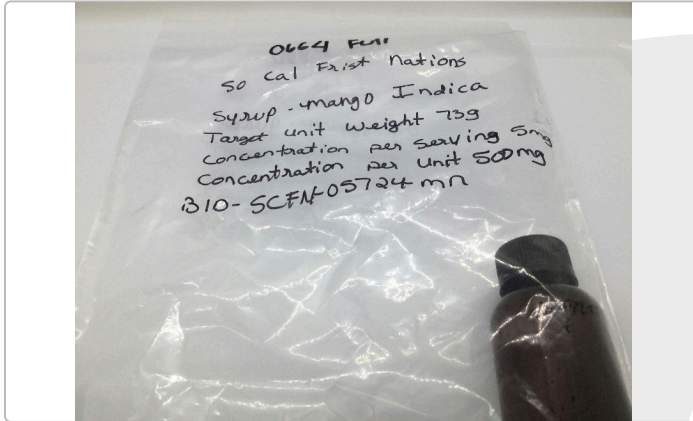
## Mango Indica

Sample ID: 2503LLI0221.0664

Strain: Mango Indica  
Matrix: Ingestible  
Type: Tincture  
Sample Size: ; Batch:

Produced:  
Collected: 03/06/2025  
Received: 03/06/2025  
Completed: 03/28/2025  
Batch#: SCFN-05724-MN

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



## Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	03/07/2025	Pass
Residual Solvents	03/08/2025	Pass
Microbials	03/07/2025	Pass
Mycotoxins	03/07/2025	Pass
Pesticides	03/07/2025	Pass
Heavy Metals	03/12/2025	Pass
Foreign Matter	03/06/2025	Pass

## Cannabinoids

Pass

10.858 mg/serving	ND	11.363 mg/serving	11.363 mg/serving
Total THC	Total CBD	Total Cannabinoids (Neutral)	Sum of Cannabinoids

Analyte	LOQ mg/g	LOD mg/g	Results mg/serving	Results mg/g	Results mg/serving	Results mg/container
THCa	0.0000040	0.0000010	ND	ND	ND	ND
Δ9-THC	0.0000040	0.0000010	10.858	7.437	10.858	542.901
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	0.175	0.120	0.175	8.760
CBGa	0.0000030	0.0000010	ND	ND	ND	ND
CBG	0.0000060	0.0000020	0.330	0.226	0.330	16.498
CBC	0.0000010	0.0000003	ND	ND	ND	ND
Total THC			10.858	7.437	10.858	542.901
Total CBD			ND	ND	ND	ND
Total			11.363	7.783	11.363	568.159

Date Tested: 03/07/2025

50 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.



*Kimberly Orpinela*

Kimberly Orpinela - Analytical Chemist  
03/28/2025

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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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## 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: 03/07/2025

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.



*Kimberly Orpinela*

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03/28/2025

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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	2640.33	Pass
Ethyl-Acetate	1.7	5.6	5000	94.91	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	92.10	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

Instrument: HS-GC/MS



Kimberly Orpinela - Analytical Chemist  
03/28/2025

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Matrix: Ingestible

Type: Tincture

Sample Size: ; Batch:

Produced:

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### Microbials

Pass

#### Analyte

Shiga toxin-producing E. Coli

Salmonella SPP

#### Results

Not Detected in 1g

Not Detected in 1g

#### Status

Pass

Pass

Date Tested: 03/07/2025

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: 03/07/2025

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	1.5	ND	Pass
Cadmium	0.0155	0.05	0.5	ND	Pass
Lead	0.0144	0.05	0.5	ND	Pass
Mercury	0.0012	0.005	3	<LOQ	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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03/28/2025

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