SC Labs®

Regulatory Compliance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 07/06/2025

SAMPLE DETAILS

OVERALL BATCH RESULT: PASS

SAMPLE NAME: Redline Rosin - Runtz - Cartridge1.0g, Redline Rosin - Runtz - AIO 1.0g

Concentrate, Product Inhalable

CULTIVATOR / MANUFACTURER

Business Name: Tamalpais Copacking, LLC

License Number: CDPH-10003017

Address: 196 MARKET ST
SAN RAFAEL CA 94901-4720

DISTRIBUTOR

Business Name: TAMALPAIS CO-PACKING, LLC

License Number: C11-0001197-LIC

Address: 196 MARKET ST, SUITE 17&18
SAN RAFAEL CA 94901-4720

Scan QR code to verify authenticity of results.

SAMPLE DETAIL

Batch Number: RED-Runtz-250630

Sample ID: 250703P048

Source Metrc UID:
1A406030000408D000000462
1A406030000408D000000463

Date Collected: 07/03/2025

Date Received: 07/04/2025

Batch Size: 4178.0 units

Sample Size: 20.0 units

Unit Masses: 1g, 0.5g per Unit

Serving Size:

Sampling Method: QSP 1265 - Sampling of Cannabis and Product Batches

CANNABINOID ANALYSIS - SUMMARY PASS

Sum of Cannabinoids: 75.76%

Total Cannabinoids: 75.76%

Total THC: 70.582%

Total CBD: 0.218%

Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN
Total Cannabinoids = (Δ^9-THC+0.877*THCa+Δ^8-THC) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + CBL + CBN
Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = Δ^9-THC + (THCa (0.877)) + Δ^8-THC
Total CBD = CBD + (CBDa (0.877))

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 4.7253%

β-Caryophyllene 15.756 mg/g | trans-β-Farnesene 6.284 mg/g | Limonene 6.019 mg/g

SAFETY ANALYSIS - SUMMARY

Δ^9-THC per Unit: PASS

Pesticides: PASS

Mycotoxins: PASS

Residual Solvents: PASS

Heavy Metals: PASS

Microbiology: PASS

Foreign Material: PASS

These results relate only to the sample included on this report.
This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), µg/g = ppm, µg/kg = ppb

All LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730, as attested by:
Michael Pham
Job Title: Senior Laboratory Analyst
Date: 07/06/2025

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 07/06/2025

© 2025 SC Labs all rights reserved. Trademarks referenced are trademarks of either SC Labs or their respective owners. MKT00162 REV6 12/20

CANNABINOID TEST RESULTS - 07/06/2025 PASS

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). **Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL CANNABINOIDS: 75.76%
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + CBL + CBN

TOTAL THC: 70.582%
Total THC (Δ^9-THC+0.877*THCa+Δ^8-THC)

TOTAL CBD: 0.218%
Total CBD (CBD+0.877*CBDa)

TOTAL CBG: 3.001%
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.93%
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.32%
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND
Total CBDV (CBDV+0.877*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ^9-THC	*0.06 / 0.26*	*±18.916*	705.82	70.582
CBG	*0.06 / 0.19*	*±0.921*	30.01	3.001
THCV	*0.1 / 0.2*	*±0.36*	9.3	0.93
CBN	*0.1 / 0.3*	*±0.36*	7.1	0.71
CBC	*0.2 / 0.5*	*±0.07*	3.2	0.32
CBD	*0.07 / 0.29*	*±0.078*	2.18	0.218
Δ^8-THC	*0.1 / 0.4*	*N/A*	ND	ND
THCa	*0.05 / 0.14*	*N/A*	ND	ND
THCVa	*0.07 / 0.20*	*N/A*	ND	ND
CBDa	*0.02 / 0.19*	*N/A*	ND	ND
CBDV	*0.04 / 0.15*	*N/A*	ND	ND
CBDVa	*0.03 / 0.53*	*N/A*	ND	ND
CBGa	*0.1 / 0.2*	*N/A*	ND	ND
CBL	*0.06 / 0.24*	*N/A*	ND	ND
CBCa	*0.07 / 0.28*	*N/A*	ND	ND
SUM OF CANNABINOIDS			757.6 mg/g	75.76%

UNIT MASS: 1 gram per Unit

Δ^9-THC per Unit	*1100 per-package limit*	705.82 mg/unit	PASS
Total THC per Unit		705.82 mg/unit	
CBD per Unit		2.18 mg/unit	
Total CBD per Unit		2.18 mg/unit	
Sum of Cannabinoids per Unit		757.6 mg/unit	
Total Cannabinoids per Unit		757.6 mg/unit	

TERPENOID TEST RESULTS - 07/06/2025

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID). **Method:** QSP 1192 - Analysis of Terpenoids by GC-FID

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Caryophyllene	*0.004 / 0.012*	*±0.4364*	15.756	1.5756
trans-β-Farnesene	*0.008 / 0.025*	*±0.1734*	6.284	0.6284
Limonene	*0.005 / 0.036*	*±0.0668*	6.019	0.6019
Linalool	*0.009 / 0.036*	*±0.1656*	5.596	0.5596
α-Humulene	*0.009 / 0.180*	*±0.1306*	5.225	0.5225
Terpineol	*0.009 / 0.031*	*±0.0806*	1.687	0.1687
Fenchol	*0.010 / 0.036*	*±0.0469*	1.557	0.1557
Valencene	*0.009 / 0.180*	*±0.0612*	1.141	0.1141
β-Pinene	*0.004 / 0.014*	*±0.0069*	0.774	0.0774
Myrcene	*0.008 / 0.025*	*±0.0077*	0.769	0.0769
Caryophyllene Oxide	*0.010 / 0.033*	*±0.0163*	0.454	0.0454
Borneol	*0.005 / 0.016*	*±0.0127*	0.389	0.0389
α-Pinene	*0.005 / 0.036*	*±0.0024*	0.359	0.0359
α-Bisabolol	*0.008 / 0.026*	*±0.0120*	0.288	0.0288
Nerolidol	*0.006 / 0.021*	*±0.0104*	0.212	0.0212
Geranyl Acetate	*0.004 / 0.036*	*±0.0041*	0.126	0.0126
Camphene	*0.005 / 0.015*	*±0.0011*	0.120	0.0120
Fenchone	*0.009 / 0.036*	*±0.0026*	0.115	0.0115
Eucalyptol	*0.006 / 0.018*	*±0.0022*	0.114	0.0114
β-Ocimene	*0.006 / 0.025*	*±0.0023*	0.093	0.0093
Terpinolene	*0.008 / 0.036*	*±0.0014*	0.089	0.0089
Sabinene Hydrate	*0.006 / 0.036*	*±0.0018*	0.059	0.0059
γ-Terpinene	*0.006 / 0.018*	*±0.0004*	0.027	0.0027
α-Terpinene	*0.005 / 0.017*	*N/A*	<LOQ	<LOQ
Citronellol	*0.003 / 0.036*	*N/A*	<LOQ	<LOQ
Geraniol	*0.002 / 0.036*	*N/A*	<LOQ	<LOQ
Guaiol	*0.009 / 0.030*	*N/A*	<LOQ	<LOQ
Nerol	*0.003 / 0.036*	*N/A*	<LOQ	<LOQ
Pulegone	*0.003 / 0.011*	*N/A*	<LOQ	<LOQ
α-Cedrene	*0.005 / 0.016*	*N/A*	ND	ND
α-Phellandrene	*0.006 / 0.036*	*N/A*	ND	ND
Camphor	*0.006 / 0.036*	*N/A*	ND	ND
Cedrol	*0.008 / 0.027*	*N/A*	ND	ND
Δ^3-Carene	*0.005 / 0.018*	*N/A*	ND	ND
Isoborneol	*0.004 / 0.012*	*N/A*	ND	ND
Isopulegol	*0.005 / 0.036*	*N/A*	ND	ND
Menthol	*0.008 / 0.025*	*N/A*	ND	ND
p-Cymene	*0.005 / 0.016*	*N/A*	ND	ND
Sabinene	*0.004 / 0.014*	*N/A*	ND	ND
TOTAL TERPENOIDS			47.253 mg/g	4.7253%

© 2025 SC Labs all rights reserved. Trademarks referenced are trademarks of either SC Labs or their respective owners. MKT00162 REV6 12/20

CATEGORY 1 PESTICIDE TEST RESULTS - 07/06/2025 PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). *GC-MS utilized where indicated. **Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Dichlorvos (DDVP)	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Dimethoate	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Ethoprophos	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Fipronil	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Imazalil	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Methiocarb	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Mevinphos	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Paclobutrazol	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Parathion-methyl	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Propoxur	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND	PASS

CATEGORY 2 PESTICIDE TEST RESULTS - 07/06/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.1	N/A	ND	PASS
Acephate	0.02 / 0.07	0.1	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	0.1	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	0.1	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	0.1	N/A	ND	PASS
Bifenazate	0.01 / 0.04	0.1	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	3	N/A	ND	PASS
Boscalid	0.03 / 0.09	0.1	N/A	ND	PASS
Captan	0.19 / 0.57	0.7	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Chlorantranilip-role	0.04 / 0.12	10	N/A	ND	PASS
Clofentezine	0.03 / 0.09	0.1	N/A	ND	PASS

CATEGORY 2 PESTICIDE TEST RESULTS - 07/06/2025 *continued*

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Cyfluthrin	0.12 / 0.38	2	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.1	N/A	ND	PASS
Dimethomorph	0.03 / 0.09	2	N/A	ND	PASS
Etoxazole	0.02 / 0.06	0.1	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	0.1	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	0.1	N/A	ND	PASS
Flonicamid	0.03 / 0.10	0.1	N/A	ND	PASS
Fludioxonil	0.03 / 0.10	0.1	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	0.1	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	5	N/A	ND	PASS
Kresoxim-methyl	0.02 / 0.07	0.1	N/A	ND	PASS
Malathion	0.03 / 0.09	0.5	N/A	ND	PASS
Metalaxyl	0.02 / 0.07	2	N/A	ND	PASS
Methomyl	0.03 / 0.10	1	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	0.1	N/A	ND	PASS
Naled	0.02 / 0.07	0.1	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.5	N/A	ND	PASS
Pentachloronitro-benzene (Quintozene)*	0.03 / 0.09	0.1	N/A	ND	PASS
Permethrin	0.04 / 0.12	0.5	N/A	ND	PASS
Phosmet	0.03 / 0.10	0.1	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	3	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.1	N/A	ND	PASS
Propiconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	0.5	N/A	ND	PASS
Pyridaben	0.02 / 0.07	0.1	N/A	ND	PASS
Spinetoram	0.02 / 0.07	0.1	N/A	ND	PASS
Spinosad	0.02 / 0.07	0.1	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	0.1	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	0.1	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Thiamethoxam	0.03 / 0.10	5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	0.1	N/A	ND	PASS

© 2025 SC Labs all rights reserved. Trademarks referenced are trademarks of either SC Labs or their respective owners. MKT00162 REV6 12/20

MYCOTOXIN TEST RESULTS - 07/06/2025 PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS). **Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS
Total Aflatoxin		20		ND	PASS

CATEGORY 1 RESIDUAL SOLVENTS TEST RESULTS - 07/06/2025 PASS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS). **Method:** QSP 1204 - Analysis of Residual Solvents by GC-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND	PASS
Benzene	0.03 / 0.09	1	N/A	ND	PASS
Chloroform	0.1 / 0.2	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	0.3 / 0.9	1	N/A	ND	PASS
Ethylene Oxide	0.3 / 0.8	1	N/A	ND	PASS
Trichloroethylene	0.1 / 0.3	1	N/A	ND	PASS

CATEGORY 2 RESIDUAL SOLVENTS TEST RESULTS - 07/06/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
2-Propanol (Isopropyl Alcohol)	10 / 40	5000	±5.2	229	PASS
Acetone	20 / 50	5000	N/A	ND	PASS
Acetonitrile	2 / 7	410	N/A	ND	PASS
Ethanol	20 / 50	5000	N/A	ND	PASS
Ethyl Acetate	20 / 60	5000	N/A	ND	PASS
Ethyl Ether	20 / 50	5000	N/A	ND	PASS
Methanol	50 / 200	3000	N/A	ND	PASS
n-Butane	10 / 50	5000	N/A	ND	PASS
n-Heptane	20 / 60	5000	N/A	ND	PASS
n-Hexane	2 / 5	290	N/A	ND	PASS
n-Pentane	20 / 50	5000	N/A	ND	PASS
Propane	10 / 20	5000	N/A	ND	PASS
Toluene	7 / 21	890	N/A	ND	PASS
Total Xylenes	50 / 160	2170	N/A	ND	PASS

HEAVY METALS TEST RESULTS - 07/05/2025 PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS). **Method:** QSP 1160 - Analysis of Heavy Metals by ICP-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.02 / 0.1	0.2	N/A	ND	PASS
Cadmium	0.02 / 0.05	0.2	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	0.1	N/A	ND	PASS

MICROBIOLOGY TEST RESULTS - 07/06/2025 PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants. **Method:** QSP 61517 - Analysis of Microbiological Contaminants

COMPOUND	ACTION LIMIT	RESULT	RESULT
Aspergillus flavus	Not Detected in 1g	ND	PASS
Aspergillus fumigatus	Not Detected in 1g	ND	PASS
Aspergillus niger	Not Detected in 1g	ND	PASS
Aspergillus terreus	Not Detected in 1g	ND	PASS
Salmonella spp.	Not Detected in 1g	ND	PASS
Shiga toxin-producing *Escherichia coli*	Not Detected in 1g	ND	PASS

FOREIGN MATERIAL TEST RESULTS - 07/05/2025 PASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta. **Method:** QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

COMPOUND	ACTION LIMIT	RESULT	RESULT
Hair Count	> 1 per 3 grams	0.0	PASS
Insect Fragment Count	> 1 per 3 grams	0.0	PASS
Mammalian Excreta Count	> 1 per 3 grams	0.0	PASS
Total Sample Area Covered by an Imbedded Foreign Material	>25%	None	PASS
Total Sample Area Covered by Mold	>25%	None	PASS
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	None	PASS

© 2025 SC Labs all rights reserved. Trademarks referenced are trademarks of either SC Labs or their respective owners. MKT00162 REV6 12/20