



Customer: Rove

Address:

119 Herbert St.  
Framingham MA 01702

Phone: 617-775-1262

License #: MP281412



Sample ID: 16601

Sample Name: Rove | Premier Cured Resin  
Bulk | Titan OG - I |

Sample Strain: Titan OG

Sample Type: Concentrate

Received Date: 08/23/2024

Report Date: 09/25/2024

METRC ID: 1A40A030000639D000035491

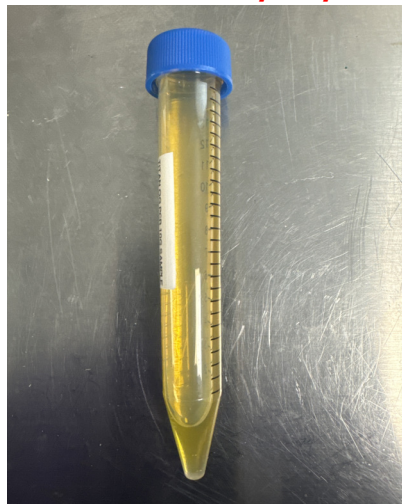
METRC Source ID:

1A40A030000639D000035551

Client Batch ID: 24081725PCR

Client Sample Size: 10 grams

Amended 09/25/2024



### Results Summary

#### Cannabinoids

08/27/2024

TESTED

#### Heavy Metals

08/27/2024

✓ PASS

#### Microbial Impurities

08/26/2024

✓ PASS

#### Residual Solvents

08/26/2024

✓ PASS

#### Mycotoxins

08/28/2024

✓ PASS

#### Terpenes

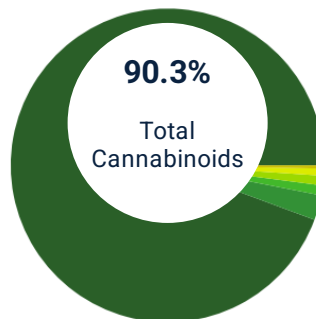
08/26/2024

TESTED

### Amended Report Notes

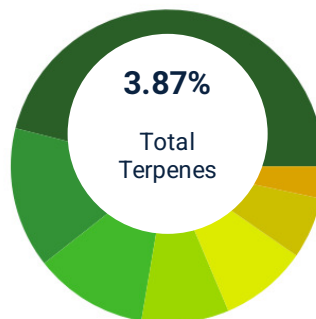
Updated Client Batch ID at the request of the customer.

### Cannabinoid Distribution (%)



Δ9-THC (85.2%)
CBG (2.32%)
CBN (0.915%)
CBC (0.897%)
Δ9-THCV (0.660%)
CBD (0.295%)

### Terpene Distribution (%)



E-Caryophyllene (1.59%)
D-Limonene (0.501%)
alpha-Humulene (0.405%)
beta-Myrcene (0.312%)
Linalool (0.311%)
alpha-Bisabolol (0.219%)
alpha-Pinene (0.114%)

# Certificate of Analysis

**Amended 09/25/2024**

## Cannabinoids

**Date Started:** 08/23/2024  
**Instrument:** UPLC-PDA

**Date Completed:** 08/27/2024  
**Method:** TP-09.001.05 & TP-09.012.05

**Analyst:** Yueming Wang Kovaleff  
**Deviation:** N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
Δ9-THC	85.2	852	0.249	1.35
CBG	2.32	23.2	0.00585	0.0673
CBN	0.915	9.15	0.00921	0.0673
CBC	0.897	8.97	0.00637	0.0538
Δ9-THCV	0.660	6.60	0.00726	0.0538
CBD	0.295	2.95	0.0104	0.135
CBDVA	ND	ND	0.00905	0.0538
CBDV	ND	ND	0.0257	0.0538
CBDA	ND	ND	0.00848	0.135
CBGA	ND	ND	0.00527	0.0673
Δ8-THCV	ND	ND	0.0131	0.0538
THCVA	ND	ND	0.00572	0.0538
CBNA	ND	ND	0.00710	0.0538
Exo-THC	ND	ND	0.0108	0.0538
Δ8-THC	ND	ND	0.0236	0.0673
CBL	ND	ND	0.0159	0.0538
THCA	ND	ND	0.0215	0.135
CBCA	ND	ND	0.0173	0.0538
<b>Total THC</b>	<b>85.2</b>	<b>852</b>		
<b>Total CBD</b>	<b>0.295</b>	<b>2.95</b>		
<b>Total Cannabinoids</b>	<b>90.3</b>	<b>903</b>		

**Total THC** = Δ9-THC + (THCA x 0.877)

**Total CBD** = CBD + (CBDA x 0.877)

**Total Cannabinoids** = Sum of all cannabinoids without THC/CBD corrections.

**LOD** = Limit of Detection; **LOQ** = Limit of Quantitation; **ND** = Not Detected.

## Heavy Metals

✓ **PASS**

**Date Started:** 08/26/2024  
**Instrument:** ICP-MS

**Date Completed:** 08/27/2024  
**Method:** TP-09.007.01

**Analyst:** Meagan Mattos  
**Deviation:** N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	7.24	48.9	200	Pass
Cadmium	ND	4.34	48.9	200	Pass
Lead	ND	3.99	48.9	500	Pass
Mercury	ND	3.48	24.5	100	Pass

## Microbial Impurities

✓ **PASS**

**Date Started:** 08/23/2024  
**Instrument:** TEMPO & Gene-Up

**Date Completed:** 08/26/2024  
**Method:** TP-09.010.01 & TP-09.011.01

**Analyst:** Garrett Lane  
**Deviation:** N/A

Microbials	Result (CFU/g)	Limit (CFU/g)	Status
Coliforms	ND	100	Pass
Bile-Tolerant Gram-Negative Bacteria	ND	100	Pass
Yeast & Mold	ND	1000	Pass
Aerobic Bacteria	ND	10000	Pass
E.coli	ND		Pass
Salmonella	ND		Pass

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.

# Certificate of Analysis

**Amended 09/25/2024**

## Residual Solvents

✓ **PASS**

**Date Started:** 08/23/2024  
**Instrument:** HS-GC-MS

**Date Completed:** 08/26/2024  
**Method:** TP-09.005.03

**Analyst:** Yuemin Wang Kovaleff  
**Deviation:** N/A

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
n-Butane	ND	0.164	1.50	12.0	Pass
Ethanol	ND	16.7	90.2	5000	Pass

## Mycotoxins

✓ **PASS**

**Date Started:** 08/26/2024  
**Instrument:** LC-MS/MS

**Date Completed:** 08/28/2024  
**Method:** TP-09.009.04

**Analyst:** Lana Rivera  
**Deviation:** N/A

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	2.02	4.97		
Aflatoxin B2	ND	0.400	3.73		
Aflatoxin G1	ND	0.415	3.73		
Aflatoxin G2	ND	1.05	4.97		
Ochratoxin A	ND	1.15	3.73		
<b>Total Mycotoxins</b>	<b>ND</b>	<b>0.400</b>	<b>3.73</b>	<b>20.0</b>	<b>Pass</b>

## Terpenes

**Date Started:** 08/26/2024  
**Instrument:** GC-MS

**Date Completed:** 08/26/2024  
**Method:** TP-09.004.03

**Analyst:** Yuemin Wang Kovaleff  
**Deviation:** N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
E-Caryophyllene	1.59	15.9	0.00622	0.0142
D-Limonene	0.501	5.01	0.00299	0.0142
alpha-Humulene	0.405	4.05	0.00306	0.0142
beta-Myrcene	0.312	3.12	0.00238	0.0142
Linalool	0.311	3.11	0.00431	0.0142
alpha-Bisabolol	0.219	2.19	0.00524	0.0142
alpha-Pinene	0.114	1.14	0.00119	0.0142
E-Nerolidol	0.0970	0.970	0.00323	0.0142
beta-Pinene	0.0886	0.886	0.00293	0.0142
Terpinolene	0.0597	0.597	0.00177	0.0142
Z-beta-Ocimene	0.0458	0.458	0.00573	0.0142
Carophyllene Oxide	0.0323	0.323	0.00320	0.0142
Geraniol	0.0194	0.194	0.00441	0.0142
E-beta-Ocimene	0.0154	0.154	0.00586	0.0142
Camphene	0.0143	0.143	0.00156	0.0142
Isopulegol	0.0143	0.143	0.00686	0.0142
Guaiol	<LOQ	<LOQ	0.00308	0.0142
alpha-Terpinene	<LOQ	<LOQ	0.00434	0.0142
Eucalyptol	ND	ND	0.00429	0.0142
gamma-Terpinene	<LOQ	<LOQ	0.00320	0.0142
Z-Nerolidol	ND	ND	0.00384	0.0142
delta-3-Carene	ND	ND	0.00462	0.0142
<b>Total Terpenes</b>	<b>3.87</b>	<b>38.7</b>		

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.



SMITHERS

Smithers AMS LLC

790 Main St

Wareham, MA 02571

License #: IL281355

Phone: 508-295-2550

## Certificate of Analysis

**Amended 09/25/2024**

Eric Steele, Lab Director  
09/25/2024

END OF REPORT

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.





**Smithers AMS LLC**  
790 Main St  
Wareham, MA 02571  
License #: IL281355  
Phone: 508-295-2550

## Certificate of Analysis



**Customer:** Rove

**Address:**

119 Herbert St.  
Framingham MA 01702

**Phone:** 617-775-1262

**License #:** MP281412



**Sample ID:** 17575

**Sample Name:** Rove | Premier Cured Resin  
Cartridge | Titan OG - I | - 0.5g

**Sample Strain:** Titan OG

**Sample Type:** Vape

**Received Date:** 09/16/2024

**Report Date:** 09/21/2024

**METRC ID:** 1A40A030000639D000036402

**METRC Source ID:**

1A40A030000639D000035551

**Client Batch ID:** 24081725PCR

**Client Sample Size:** 2 each



### Results Summary

**Vitamin E Acetate**

09/18/2024

✓ PASS

**Heavy Metals**

09/19/2024

✓ PASS

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.



**Report Number:** 17575.V1

Page 1 of 2

Powered by QBench

# Certificate of Analysis

## Vitamin E Acetate

✓ PASS

Date Started: 09/18/2024  
Instrument: HPLC-UV

Date Completed: 09/18/2024  
Method: TP-09.006.01

Analyst: Eric Steele  
Deviation: N/A

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Status
Tocopheryl Acetate	ND	52.6	120	Pass

## Heavy Metals

✓ PASS

Date Started: 09/18/2024  
Instrument: ICP-MS

Date Completed: 09/19/2024  
Method: TP-09.007.01

Analyst: Meagan Mattos  
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	7.00	47.3	200	Pass
Cadmium	ND	4.20	47.3	200	Pass
Lead	<LOQ	3.86	47.3	500	Pass
Mercury	ND	3.37	23.7	100	Pass



Eric Steele, Lab Director  
09/21/2024

END OF REPORT



**Smithers AMS LLC**  
790 Main St  
Wareham, MA 02571  
License #: IL281355  
Phone: 508-295-2550

## Certificate of Analysis



**Customer:** Rove

**Address:**

119 Herbert St.  
Framingham MA 01702

**Phone:** 617-775-1262

**License #:** MP281412



**Sample ID:** 17576

**Sample Name:** Rove | Premier Cured Resin  
Cartridge | Titan OG - I | - 1.0g

**Sample Strain:** Titan OG

**Sample Type:** Vape

**Received Date:** 09/16/2024

**Report Date:** 09/21/2024

**METRC ID:** 1A40A030000639D000036403

**METRC Source ID:**

1A40A030000639D000035551

**Client Batch ID:** 24081725PCR

**Client Sample Size:** 2 each



### Results Summary

**Vitamin E Acetate**

09/18/2024

✓ PASS

**Heavy Metals**

09/19/2024

✓ PASS

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.



**Report Number:** 17576.V1

Page 1 of 2

Powered by QBench

# Certificate of Analysis

## Vitamin E Acetate

✓ PASS

Date Started: 09/18/2024  
Instrument: HPLC-UV

Date Completed: 09/18/2024  
Method: TP-09.006.01

Analyst: Eric Steele  
Deviation: N/A

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Status
Tocopheryl Acetate	ND	54.3	124	Pass

## Heavy Metals

✓ PASS

Date Started: 09/18/2024  
Instrument: ICP-MS

Date Completed: 09/19/2024  
Method: TP-09.007.01

Analyst: Meagan Mattos  
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	7.60	51.3	200	Pass
Cadmium	ND	4.56	51.3	200	Pass
Lead	<LOQ	4.19	51.3	500	Pass
Mercury	ND	3.66	25.7	100	Pass



Eric Steele, Lab Director  
09/21/2024

END OF REPORT