



# Certificate of Analysis

Groove Solventless

Sample: 2503FID1590.8540

Strain: Rainbow Sherbert #11

Batch #: 1; Lot #:

METRC Batch: 1A408010000CABD000001028; METRC Sample: 1A4080100013EC1000009301

Analysis Initiated: 03/28/2025; Report Created: 04/02/2025

Sampling SOP: SOP-0050

## Rainbow Sherbert #11 Flower (HB92) (1028)

Plant, Flower - Cured, Indoor  
Harvest/Production Date: 02/06/2025



|  |   |                                     |                                   |
|--|---|-------------------------------------|-----------------------------------|
|  | <b>19.31%</b><br>Total Potential Psychoactive THC | <b>ND</b><br>Total CBD              | <b>Pass</b><br>Foreign Matter     |
|  | <b>21.87%</b><br>Total Raw THC                    | <b>22.92%</b><br>Total Cannabinoids | <b>Pass</b><br>12.85%<br>Moisture |

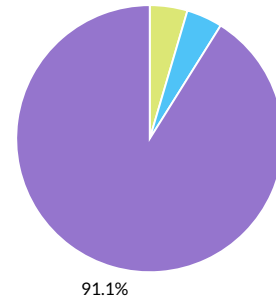
## Cannabinoids

Pass

Analytical Calibration Batch: Cannabinoids AF 03312025

| Analyte      | LOQ  | Mass         | Mass         |
|--------------|------|--------------|--------------|
|              | %    | %            | mg/g         |
| THCa         | 0.05 | 20.88        | 208.8        |
| Δ9-THC       | 0.05 | 1.00         | 10.0         |
| THCVa        | 0.05 | ND           | ND           |
| THCV         | 0.05 | ND           | ND           |
| CBDa         | 0.05 | ND           | ND           |
| CBD          | 0.05 | ND           | ND           |
| CBN          | 0.05 | ND           | ND           |
| CBGa         | 0.05 | 1.04         | 10.4         |
| CBG          | 0.05 | ND           | ND           |
| CBC          | 0.05 | ND           | ND           |
| <b>Total</b> |      | <b>22.92</b> | <b>229.2</b> |

■ CBGa ■ Δ9-THC ■ THCa



Total Potential Psychoactive THC = THCa \* 0.877 + d9-THC | Total CBD = CBDa \* 0.877 + CBD

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected.

SOP-0041: Full spectrum cannabinoid analysis by High Performance Liquid Chromatography with UV detection (HPLC-UV). Reported result is based on sample dry weight. SOP-0035: Foreign matter inspection includes but is not limited to hair, insects, stems, seeds, and feces. SOP-0036: Moisture analysis. Testing listed above may not be included in our current PJLA scope of accreditation. Please consult PJLA Certificate# 102722 for a list of current accredited tests.



Fidelity Diagnostics Laboratory  
216 Trade St.  
Missoula, MT 59808  
(406) 926-2211  
<http://www.fdimt.com>  
License # L-100170-003



Andre Umansky  
Laboratory Director

Accredited to ISO/IEC 17025:2017  
Accreditation #: 102722

Confident LIMS  
All Rights Reserved  
[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
(866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)





# Certificate of Analysis

Groove Solventless

Sample: 2503FID1590.8540

Strain: Rainbow Sherbert #11

Batch #: 1; Lot #:

METRC Batch: 1A408010000CABD000001028; METRC Sample: 1A4080100013EC1000009301

Analysis Initiated: 03/28/2025; Report Created: 04/02/2025

Sampling SOP: SOP-0050

## Rainbow Sherbert #11 Flower (HB92) (1028)

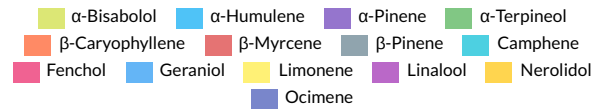
Plant, Flower - Cured, Indoor  
Harvest/Production Date: 02/06/2025



## Terpenes

Analytical Calibration Batch: Terpenes 03112025

| Analyte             | LOQ   | Result       | Result       |
|---------------------|-------|--------------|--------------|
|                     | %     | %            | mg/g         |
| Limonene            | 0.008 | 0.638        | 6.38         |
| β-Caryophyllene     | 0.008 | 0.590        | 5.90         |
| Linalool            | 0.008 | 0.393        | 3.93         |
| α-Humulene          | 0.008 | 0.188        | 1.88         |
| β-Pinene            | 0.008 | 0.097        | 0.97         |
| α-Pinene            | 0.008 | 0.095        | 0.95         |
| α-Terpineol         | 0.005 | 0.078        | 0.78         |
| Nerolidol           |       | 0.070        | 0.70         |
| Fenchol             | 0.003 | 0.070        | 0.70         |
| α-Bisabolol         | 0.008 | 0.057        | 0.57         |
| Geraniol            | 0.008 | 0.050        | 0.50         |
| β-Myrcene           | 0.008 | 0.045        | 0.45         |
| Ocimene             | 0.008 | 0.032        | 0.32         |
| Camphene            | 0.008 | 0.011        | 0.11         |
| α-Phellandrene      | 0.003 | ND           | ND           |
| α-Terpinene         | 0.008 | ND           | ND           |
| β-Humulene          |       | NR           | NR           |
| Borneol             | 0.003 | ND           | ND           |
| Caryophyllene Oxide | 0.008 | ND           | ND           |
| δ-3-Carene          | 0.008 | ND           | ND           |
| Eucalyptol          | 0.008 | ND           | ND           |
| γ-Terpinene         | 0.008 | ND           | ND           |
| Geranyl Acetate     | 0.003 | ND           | ND           |
| Guaiol              | 0.008 | ND           | ND           |
| Isopulegol          | 0.008 | ND           | ND           |
| p-Cymene            | 0.008 | ND           | ND           |
| Terpinolene         | 0.008 | ND           | ND           |
| <b>Total</b>        |       | <b>2.413</b> | <b>24.13</b> |



## Primary Aromas

Orange

Cinnamon

Lavender

Hops

Pine

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected. Results based on dry weight. SOP-0037; GC-FID Analysis of Terpenes in Cannabis and Cannabis Products. Testing listed above may not be included in our current PJLA scope of accreditation. Please consult PJLA Certificate# 102722 for a list of current accredited tests.



Fidelity Diagnostics Laboratory  
216 Trade St.  
Missoula, MT 59808  
(406) 926-2211  
<http://www.fdimt.com>  
License # L-100170-003



Andre Umansky  
Laboratory Director

Accredited to ISO/IEC 17025:2017  
Accreditation #: 102722

Confident LIMS  
All Rights Reserved  
[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
(866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)



Testing performed onsite at Fidelity Diagnostics using valid testing methodologies and a quality system as required by state law. Fidelity Diagnostics makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. Results valid only for item tested. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Certificate shall not be reproduced, without written approval by the laboratory. Quality and uncertainty data available upon request. Sample conformity is set by the state of Montana. Version No. 001



# Certificate of Analysis

Groove Solventless

Sample: 2503FID1590.8540

Strain: Rainbow Sherbert #11

Batch #: 1; Lot #:

METRC Batch: 1A408010000CABD000001028; METRC Sample: 1A4080100013EC1000009301

Analysis Initiated: 03/28/2025; Report Created: 04/02/2025

Sampling SOP: SOP-0050

## Rainbow Sherbert #11 Flower (HB92) (1028)

Plant, Flower - Cured, Indoor  
Harvest/Production Date: 02/06/2025



## Residual Solvents

Not Tested

Analytical Calibration Batch:

| Analyte | LOQ | State Limits | Mass | Status | Analyte | LOQ | State Limits | Mass | Status |
|---------|-----|--------------|------|--------|---------|-----|--------------|------|--------|
|---------|-----|--------------|------|--------|---------|-----|--------------|------|--------|

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected. PPM = Parts per Million. SOP-0060; A mass spectrum analysis of Residual Solvents using Gas Chromatography Mass Spectrometry (Thermo Scientific ISQ7000 GCMS).

## Mycotoxins

Pass

Analytical Calibration Batch: 03282025

| Analyte          | LOQ | State Limit | Mass | Status |
|------------------|-----|-------------|------|--------|
|                  | PPB | PPB         | PPB  |        |
| Ochratoxin A     | 12  | 20          | ND   | Pass   |
| Total Aflatoxins | 20  | 20          | ND   | Pass   |

## Microbials

Pass

| Analyte               | Limit                | Mass  | Status |
|-----------------------|----------------------|-------|--------|
|                       | CFU/g                | CFU/g |        |
|                       | 10000                | NR    | NT     |
| Mold                  | Not Detected in 1.0g | ND    | Pass   |
| Aspergillus flavus    | Not Detected in 1.0g | ND    | Pass   |
| Aspergillus fumigatus | Not Detected in 1.0g | ND    | Pass   |
| Aspergillus niger     | Not Detected in 1.0g | ND    | Pass   |
| Aspergillus terreus   | Not Detected in 1.0g | ND    | Pass   |
| Salmonella            | Not Detected in 1.0g | ND    | Pass   |
| STEC                  | Not Detected in 1.0g | ND    | Pass   |

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected. PPB = Parts per Billion. SOP-0042; Pesticide & Mycotoxin screening is performed using Sciex 6500+ LCMSMS with Exion XR front HPLC.

NT = Not Tested; NR = Not Reported; ND = None Detected. TNTC = Too Numerous to Count; SOP-0058: STEC and Salmonella analysis on AriaDX qPCR using Medicinal Genomics validated methods. SOP-0063: Aspergillus species specific analysis on AriaDX qPCR using Medicinal Genomics validated methods. SOP-0061: Mold enumeration using Hardy Diagnostics media.



Fidelity Diagnostics Laboratory  
216 Trade St.  
Missoula, MT 59808  
(406) 926-2211  
<http://www.fdimt.com>  
License # L-100170-003



Andre Umansky  
Laboratory Director

Accredited to ISO/IEC 17025:2017  
Accreditation #: 102722

Confident LIMS  
All Rights Reserved  
[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
(866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)





# Certificate of Analysis

Groove Solventless

Sample: 2503FID1590.8540

Strain: Rainbow Sherbert #11

Batch #: 1; Lot #:

METRC Batch: 1A408010000CABD000001028; METRC Sample: 1A4080100013EC1000009301

Analysis Initiated: 03/28/2025; Report Created: 04/02/2025

Sampling SOP: SOP-0050

## Rainbow Sherbert #11 Flower (HB92) (1028)



Plant, Flower - Cured, Indoor  
Harvest/Production Date: 02/06/2025

## Pesticides

Pass

Analytical Calibration Batch: 03282025

| Analyte             | LOQ  | State Limit | Expanded Limit | Mass | Status | Analyte            | LOQ  | State Limit | Expanded Limit | Mass | Status |
|---------------------|------|-------------|----------------|------|--------|--------------------|------|-------------|----------------|------|--------|
|                     | PPM  | PPM         | PPM            | PPM  |        |                    | PPM  | PPM         | PPM            | PPM  |        |
| Abamectin           | 0.16 | 0.5         | 0.5            | ND   | Pass   | Imazalil           | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Acephate            | 0.12 | 0.4         | 0.4            | ND   | Pass   | Imidacloprid       | 0.16 | 0.4         | 0.4            | ND   | Pass   |
| Acequinocyl         | 0.16 | 2           | 2              | ND   | Pass   | Kresoxim Methyl    | 0.16 | 0.4         | 0.4            | ND   | Pass   |
| Acetamiprid         | 0.16 | 0.2         | 0.2            | ND   | Pass   | Malathion          | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Aldicarb            | 0.31 | 0.4         | 0.4            | ND   | Pass   | Metalaxyl          | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Azoxystrobin        | 0.16 | 0.2         | 0.2            | ND   | Pass   | Methiocarb         | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Bifenazate          | 0.16 | 0.2         | 0.2            | ND   | Pass   | Methomyl           | 0.16 | 0.4         | 0.4            | ND   | Pass   |
| Bifenthrin          | 0.16 | 0.2         | 0.2            | ND   | Pass   | Methyl Parathion   | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Boscalid            | 0.16 | 0.4         | 0.4            | ND   | Pass   | MGK-264            | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Carbaryl            | 0.16 | 0.2         | 0.2            | ND   | Pass   | Myclobutanil       | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Carbofuran          | 0.16 | 0.2         | 0.2            | ND   | Pass   | Naled              | 0.16 | 0.5         | 0.5            | ND   | Pass   |
| Chlorantraniliprole | 0.16 | 0.2         | 0.2            | ND   | Pass   | Oxamyl             | 0.16 | 1           | 1              | ND   | Pass   |
| Chlorfenapyr        | 0.31 | 1           | 1              | ND   | Pass   | Paclobotrazol      | 0.16 | 0.4         | 0.4            | ND   | Pass   |
| Chlorpyrifos        | 0.16 | 0.2         | 0.2            | ND   | Pass   | Permethrin         | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Clofentezine        | 0.16 | 0.2         | 0.2            | ND   | Pass   | Phosmet            | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Cyfluthrin          | 0.31 | 1           | 1              | ND   | Pass   | Piperonyl Butoxide | 0.16 | 2           | 2              | ND   | Pass   |
| Cypermethrin        | 0.16 | 1           | 1              | ND   | Pass   | Prallethrin        | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Daminozide          | 0.16 | 1           | 1              | ND   | Pass   | Propiconazole      | 0.16 | 0.4         | 0.4            | ND   | Pass   |
| Diazinon            | 0.16 | 0.2         | 0.2            | ND   | Pass   | Propoxur           | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Dichlorvos          | 0.16 | 1           | 1              | ND   | Pass   | Pyrethrins         | 0.16 | 1           | 1              | ND   | Pass   |
| Dimethoate          | 0.16 | 0.2         | 0.2            | ND   | Pass   | Pyridaben          | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Ethoprophos         | 0.16 | 0.2         | 0.2            | ND   | Pass   | Spinosad           | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Etofenprox          | 0.16 | 0.4         | 0.4            | ND   | Pass   | Spiromesifen       | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Etoxazole           | 0.16 | 0.2         | 0.2            | ND   | Pass   | Spirotetramat      | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Fenoxycarb          | 0.16 | 0.2         | 0.2            | ND   | Pass   | Spiroxamine        | 0.16 | 0.4         | 0.4            | ND   | Pass   |
| Fenpyroximate       | 0.16 | 0.4         | 0.4            | ND   | Pass   | Tebuconazole       | 0.16 | 0.4         | 0.4            | ND   | Pass   |
| Fipronil            | 0.16 | 0.4         | 0.4            | ND   | Pass   | Thiacloprid        | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Fonicamid           | 0.16 | 1           | 1              | ND   | Pass   | Thiamethoxam       | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Fludioxonil         | 0.16 | 0.4         | 0.4            | ND   | Pass   | Trifloxystrobin    | 0.16 | 0.2         | 0.2            | ND   | Pass   |
| Hexythiazox         | 0.16 | 1           | 1              | ND   | Pass   |                    |      |             |                |      |        |

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected. PPM = Parts per Million. SOP-0042; Pesticide & Mycotoxin screening is performed using Sciex 6500+ LCMSMS with Exion XR front HPLC.



Fidelity Diagnostics Laboratory  
216 Trade St.  
Missoula, MT 59808  
(406) 926-2211  
<http://www.fidimt.com>  
License # L-100170-003



Andre Umansky  
Laboratory Director

Accredited to ISO/IEC 17025:2017  
Accreditation #: 102722

Confident LIMS  
All Rights Reserved  
[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
(866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)



Testing performed onsite at Fidelity Diagnostics using valid testing methodologies and a quality system as required by state law. Fidelity Diagnostics makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. Results valid only for item tested. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Certificate shall not be reproduced, without written approval by the laboratory. Quality and uncertainty data available upon request. Sample conformity is set by the state of Montana. Version No. 001