



Certificate of Analysis

Groove Solventless

Sample: 2501FID0335.1940

Strain: Rainbow Sherbert #11

Batch #: 2; Lot #:

METRC Batch: 1A408010000CABD000001003; METRC Sample: 1A4080100013EC1000007725

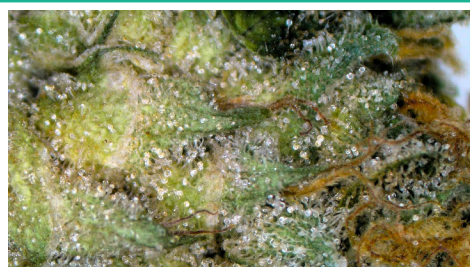
Analysis Initiated: 01/20/2025; Report Created: 01/22/2025

Sampling SOP: SOP-0050

Rainbow Sherbert #11 Flower (HB84)

Plant, Flower - Cured, Indoor

Harvest/Production Date: 12/02/2024



23.46%

Total Potential
Psychoactive THC

0.05%

Total CBD

Pass

Foreign Matter

26.63%

Total Raw THC

28.09%

Total Cannabinoids

Pass

11.24%

Moisture

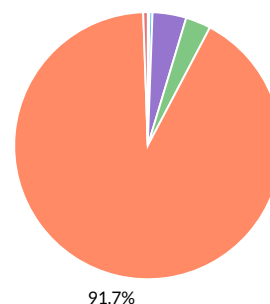
Cannabinoids

Pass

Analytical Calibration Batch: Cannabinoids AF 01022025

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.05	25.77	257.7
Δ^9 -THC	0.05	0.86	8.6
THCVa	0.05	0.15	1.5
THCV	0.05	ND	ND
CBDa	0.05	0.05	0.5
CBD	0.05	ND	ND
CBN	0.05	ND	ND
CBGa	0.05	1.15	11.5
CBG	0.05	0.11	1.1
CBC	0.05	<LOQ	<LOQ
Total		28.09	280.9

CBDa CBG CBGa Δ^9 -THC
THCa THCVa



Total Potential Psychoactive THC = THCa * 0.877 + Δ^9 -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.fidimt.com>
License # L-100170-003



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

Andre Umansky
Laboratory Director

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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



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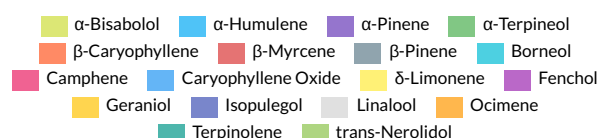
Rainbow Sherbert #11 Flower (HB84)

Plant, Flower - Cured, Indoor
Harvest/Production Date: 12/02/2024

Terpenes

Analytical Calibration Batch: Terpenes 12/23/2025

Analyte	LOQ	Result	Result
	%	%	mg/g
β-Caryophyllene	0.008	0.977	9.77
δ-Limonene	0.008	0.859	8.59
Linalool	0.008	0.461	4.61
α-Humulene	0.008	0.299	2.99
β-Pinene	0.008	0.127	1.27
α-Pinene	0.008	0.120	1.20
α-Terpineol	0.005	0.093	0.93
Fenchol	0.003	0.083	0.83
α-Bisabolol	0.008	0.070	0.70
β-Myrcene	0.008	0.051	0.51
trans-Nerolidol	0.008	0.049	0.49
Ocimene	0.008	0.032	0.32
Geraniol	0.008	0.018	0.18
Borneol	0.003	0.015	0.15
Camphene	0.008	0.015	0.15
Isopulegol	0.008	0.013	0.13
Caryophyllene Oxide	0.008	0.009	0.09
Terpinolene	0.008	0.008	0.08
α-Phellandrene	0.003	ND	ND
α-Terpinene	0.008	ND	ND
cis-Nerolidol	0.008	ND	ND
δ-3-Carene	0.008	ND	ND
Eucalyptol	0.008	<LOQ	<LOQ
γ-Terpinene	0.008	ND	ND
Geranyl Acetate	0.003	ND	ND
Guaiol	0.008	ND	ND
p-Cymene	0.008	ND	ND
Total		3.298	32.98



Primary Aromas



Cinnamon



Lemon



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.



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Rainbow Sherbert #11 Flower (HB84)

Plant, Flower - Cured, Indoor
Harvest/Production Date: 12/02/2024



Residual Solvents

Not Tested

Analytical Calibration Batch:

Analyte	LOQ	State Limits	Mass	Status	Analyte	LOQ	State Limits	Mass	Status
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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: 01/08/2025

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

Microbials

Pass

Analyte	Limit	Mass	Status
	CFU/g	CFU/g	
Mold	10000	NR	NT
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

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.



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Plant, Flower - Cured, Indoor

Harvest/Production Date: 12/02/2024



Pesticides

Analytical Calibration Batch: 01/08/2025

Pass

Analyte	LOQ	State Limit	Expanded Limit	Mass	Status
	PPM	PPM	PPM	PPM	
Abamectin	0.12	0.5	0.5	ND	Pass
Acequinocyl	0.12	2	2	ND	Pass
Bifenazate	0.12	0.2	0.2	ND	Pass
Bifenthrin	0.12	0.2	0.2	ND	Pass
Chloromequat chloride	0.12	1	1	ND	Pass
Cyfluthrin	0.12	1	1	ND	Pass
Daminozide	0.12	1	1	ND	Pass
Etoxazole	0.12	0.2	0.2	ND	Pass
Fenoxycarb	0.12	0.2	0.2	ND	Pass
Imazalil	0.12	0.2	0.2	ND	Pass
Imidacloprid	0.12	0.4	0.4	ND	Pass
Myclobutanil	0.12	0.2	0.2	ND	Pass
Paclobutrazol	0.12	0.4	0.4	ND	Pass
Pyrethrins	0.12	1	1	ND	Pass
Spinosad	0.12	0.2	0.2	ND	Pass
Spirotetramat	0.12	0.2	0.2	ND	Pass
Trifloxystrobin	0.12	0.2	0.2	ND	Pass

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