



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 23-001354/D011.R000
Report Date: 02/07/2024
ORELAP#: OR100028
Purchase Order:
Received: 02/01/24 12:45

Customer: Redwood Pharmaceutical Company
Product identity: D9 Gummies
Client/Metric ID: .
Laboratory ID: 23-001354-0005

Summary

Potency:

| Analyte per 4.7g | Result | Limits | Units | Status | |
|--------------------------------------|--------|--------|---------|--------|--|
| CBD per 4.7g | 0.686 | | mg/4.7g | | THC-Total per Serving Size 10.66 mg/4.7g |
| CBG per 4.7g | 0.310 | | mg/4.7g | | |
| Δ9-THC per 4.7g | 10.66 | | mg/4.7g | | CBD-Total per Serving Size 0.686 mg/4.7g |
| (Reported in milligrams per serving) | | | | | |



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Customer: Redwood Pharmaceutical Company

Product identity: D9 Gummies
Client/Metric ID: .
Sample Date:
Laboratory ID: 23-001354-0005
Evidence of Cooling: No
Temp: 16.8
Relinquished by: usps
Serving Size #1: 4.7 g

Sample Results

| Potency per 4.7g | | | | | |
|--|--------|-------------|---------|-----------------------------|-------|
| Method: J AOAC 2015 V98-6 (mod) ^b | | Units mg/se | | Batch: 2301078 | |
| | | | | Analyze: 2/2/24 10:25:00 PM | |
| Analyte | Result | Limits | Units | LOQ | Notes |
| CBC per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| CBC-A per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| CBC-Total per 4.7g | < LOQ | | mg/4.7g | 0.270 | |
| CBD per 4.7g | 0.686 | | mg/4.7g | 0.144 | |
| CBD-A per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| CBD-Total per 4.7g | 0.686 | | mg/4.7g | 0.270 | |
| CBDV per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| CBDV-A per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| CBDV-Total per 4.7g | < LOQ | | mg/4.7g | 0.269 | |
| CBE per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| CBG per 4.7g | 0.310 | | mg/4.7g | 0.144 | |
| CBG-A per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| CBG-Total per 4.7g | 0.310 | | mg/4.7g | 0.269 | |
| CBL per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| CBL-A per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| CBL-Total per 4.7g | < LOQ | | mg/4.7g | 0.270 | |
| CBN per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| CBT per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| Δ8-THCV per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| Δ10-THC-9R per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| Δ10-THC-9S per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| Δ10-THC-Total per 4.7g | < LOQ | | mg/4.7g | 0.288 | |
| Δ8-THC per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| Δ9-THC per 4.7g | 10.66 | | mg/4.7g | 0.144 | |
| exo-THC per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| THC-A per 4.7g | < LOQ | | mg/4.7g | 0.144 | |
| THC-Total per 4.7g | 10.66 | | mg/4.7g | 0.270 | |
| THCV per 4.7g | < LOQ | | mg/4.7g | 0.144 | |

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 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.
 Testing in accordance with: OAR 333-007-0430



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| Potency per 4.7g | | Method: J AOAC 2015 V98-6 (mod) ^b | | Units mg/se Batch: 2301078 | | Analyze: 2/2/24 10:25:00 PM | |
|-----------------------------|--------|--|---------|----------------------------|-------|-----------------------------|--|
| Analyte | Result | Limits | Units | LOQ | Notes | | |
| THCV-A per 4.7g | < LOQ | | mg/4.7g | 0.144 | | | |
| THCV-Total per 4.7g | < LOQ | | mg/4.7g | 0.270 | | | |
| Total Cannabinoids per 4.7g | 11.72 | | mg/4.7g | | | | |

| Solvents | | Method: Residual Solvents by GC/MS ^b | | | | Units µg/g Batch 2301126 | | Analyze 02/06/24 02:24 PM | | | |
|---------------------------|--------|---|------|--------|-------|-----------------------------------|--------|---------------------------|------|--------|-------|
| Analyte | Result | Limits | LOQ | Status | Notes | Analyte | Result | Limits | LOQ | Status | Notes |
| 1,4-Dioxane | < LOQ | 380 | 100 | pass | | 2-Butanol | < LOQ | 5000 | 200 | pass | |
| 2-Ethoxyethanol | < LOQ | 160 | 30.0 | pass | | 2-Methylbutane (Isopentane) | < LOQ | | 200 | | |
| 2-Methylpentane | < LOQ | | 30.0 | | | 2-Propanol (IPA) | < LOQ | 5000 | 200 | pass | |
| 2,2-Dimethylbutane | < LOQ | | 30.0 | | | 2,2-Dimethylpropane (neo-pentane) | < LOQ | | 200 | | |
| 2,3-Dimethylbutane | < LOQ | | 30.0 | | | 3-Methylpentane | < LOQ | | 30.0 | | |
| Acetone | < LOQ | 5000 | 200 | pass | | Acetonitrile | < LOQ | 410 | 100 | pass | |
| Benzene | < LOQ | 2.00 | 1.00 | pass | | Butanes (sum) | < LOQ | 5000 | 400 | pass | |
| Cyclohexane | < LOQ | 3880 | 200 | pass | | Ethyl acetate | < LOQ | 5000 | 200 | pass | |
| Ethyl benzene | < LOQ | | 200 | | | Ethyl ether | < LOQ | 5000 | 200 | pass | |
| Ethylene glycol | < LOQ | 620 | 200 | pass | | Ethylene oxide | < LOQ | 50.0 | 20.0 | pass | |
| Hexanes (sum) | < LOQ | 290 | 150 | pass | | Isopropyl acetate | < LOQ | 5000 | 200 | pass | |
| Isopropylbenzene (Cumene) | < LOQ | 70.0 | 30.0 | pass | | m,p-Xylene | < LOQ | | 200 | | |
| Methanol | < LOQ | 3000 | 200 | pass | | Methylene chloride | < LOQ | 600 | 60.0 | pass | |
| Methylpropane (Isobutane) | < LOQ | | 200 | | | n-Butane | < LOQ | | 200 | | |
| n-Heptane | < LOQ | 5000 | 200 | pass | | n-Hexane | < LOQ | | 30.0 | | |
| n-Pentane | < LOQ | | 200 | | | o-Xylene | < LOQ | | 200 | | |
| Pentanes (sum) | < LOQ | 5000 | 600 | pass | | Propane | < LOQ | 5000 | 200 | pass | |
| Tetrahydrofuran | < LOQ | 720 | 100 | pass | | Toluene | < LOQ | 890 | 100 | pass | |
| Total Xylenes | < LOQ | | 400 | | | Total Xylenes and Ethyl benzene | < LOQ | 2170 | 600 | pass | |



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| Pesticides | | | | | | | | | | | |
|---|--------|--------|-------|--------|-------|----------------------------------|--------|--------|-------|--------|-------|
| Method: AOAC 2007.01 & EN 15662 (mod) ^b | | | | | | | | | | | |
| Units mg/kg Batch 2301029 Analyze 02/02/24 02:30 PM | | | | | | | | | | | |
| Analyte | Result | Limits | LOQ | Status | Notes | Analyte | Result | Limits | LOQ | Status | Notes |
| Abamectin [¥] | < LOQ | 0.50 | 0.250 | pass | | Acephate [¥] | < LOQ | 0.40 | 0.200 | pass | |
| Acequinocyl [¥] | < LOQ | 2.0 | 1.00 | pass | | Acetamidrid [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Aldicarb [¥] | < LOQ | 0.40 | 0.200 | pass | | Azoxystrobin [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Bifenazate [¥] | < LOQ | 0.20 | 0.100 | pass | | Bifenthrin [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Boscalid [¥] | < LOQ | 0.40 | 0.200 | pass | | Carbaryl [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Carbofuran [¥] | < LOQ | 0.20 | 0.100 | pass | | Chlorantraniliprole [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Chlorfenapyr [¥] | < LOQ | 1.0 | 0.500 | pass | | Chlorpyrifos [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Clofentezine [¥] | < LOQ | 0.20 | 0.100 | pass | | Cyfluthrin [¥] | < LOQ | 1.0 | 0.500 | pass | |
| Cypermethrin [¥] | < LOQ | 1.0 | 0.500 | pass | | Daminozide [¥] | < LOQ | 1.0 | 0.500 | pass | |
| Diazinon [¥] | < LOQ | 0.20 | 0.100 | pass | | Dichlorvos [¥] | < LOQ | 1.0 | 0.500 | pass | |
| Dimethoate [¥] | < LOQ | 0.20 | 0.100 | pass | | Ethoprophos [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Etofenprox [¥] | < LOQ | 0.40 | 0.200 | pass | | Etoxaazole [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Fenoxycarb [¥] | < LOQ | 0.20 | 0.100 | pass | | Fenpyroximate [¥] | < LOQ | 0.40 | 0.200 | pass | |
| Fipronil [¥] | < LOQ | 0.40 | 0.200 | pass | | Fonicamid [¥] | < LOQ | 1.0 | 0.400 | pass | |
| Fludioxonil [¥] | < LOQ | 0.40 | 0.200 | pass | | Hexythiazox [¥] | < LOQ | 1.0 | 0.400 | pass | |
| Imazali [¥] | < LOQ | 0.20 | 0.100 | pass | | Imidacloprid [¥] | < LOQ | 0.40 | 0.200 | pass | |
| Kresoxim-methyl [¥] | < LOQ | 0.40 | 0.200 | pass | | Malathion [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Metalaxyl [¥] | < LOQ | 0.20 | 0.100 | pass | | Methiocarb [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Methomyl [¥] | < LOQ | 0.40 | 0.200 | pass | | MGK-264 [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Myclobutanil [¥] | < LOQ | 0.20 | 0.100 | pass | | Naled [¥] | < LOQ | 0.50 | 0.250 | pass | |
| Oxamyl [¥] | < LOQ | 1.0 | 0.500 | pass | | Paclobutrazole [¥] | < LOQ | 0.40 | 0.200 | pass | |
| Parathion-Methyl [¥] | < LOQ | 0.20 | 0.100 | pass | | Permethrin [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Phosmet [¥] | < LOQ | 0.20 | 0.100 | pass | | Piperonyl butoxide [¥] | < LOQ | 2.0 | 1.00 | pass | |
| Prallethrin [¥] | < LOQ | 0.20 | 0.100 | pass | | Propiconazole [¥] | < LOQ | 0.40 | 0.200 | pass | |
| Propoxur [¥] | < LOQ | 0.20 | 0.100 | pass | | Pyrethrin I (total) [¥] | < LOQ | 1.0 | 0.500 | pass | |
| Pyridaben [¥] | < LOQ | 0.20 | 0.100 | pass | | Spinosad [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Spiromesifen [¥] | < LOQ | 0.20 | 0.100 | pass | | Spirotetramat [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Spiroxamine [¥] | < LOQ | 0.40 | 0.200 | pass | | Tebuconazole [¥] | < LOQ | 0.40 | 0.200 | pass | |
| Thiacloprid [¥] | < LOQ | 0.20 | 0.100 | pass | | Thiamethoxam [¥] | < LOQ | 0.20 | 0.100 | pass | |
| Trifloxystrobin [¥] | < LOQ | 0.20 | 0.100 | pass | | | | | | | |

| Metals | | | | | | | | | | |
|---------|----------------|--------|-------|-----|-------|----------------------------------|--------|-------|--|--|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed Method | Status | Notes | | |
| Arsenic | <i>pending</i> | 0.200 | | | | AOAC 2013.06 (mod.) ^b | pass | | | |
| Cadmium | <i>pending</i> | 0.200 | | | | AOAC 2013.06 (mod.) ^b | pass | | | |
| Lead | <i>pending</i> | 0.500 | | | | AOAC 2013.06 (mod.) ^b | pass | | | |
| Mercury | <i>pending</i> | 0.100 | | | | AOAC 2013.06 (mod.) ^b | pass | | | |



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Ⓐ = ISO/IEC 17025:2017 accredited method.

Ⓜ = TNI accredited analyte.

Units of Measure

g = g

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/4.7g = Milligram per 4.7g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager