

**SAMPLE NAME: 2Rise Naturals O3 Soft Gels**

Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR / TESTED FOR**

**Business Name:** Lulu's Botanicals

**License Number:**

**Address:**

**SAMPLE DETAIL**

**Batch Number:** 13078-02

**Sample ID:** 210506X009

**Date Collected:** 05/06/2021

**Date Received:** 05/06/2021

**Batch Size:**

**Sample Size:** 1.0 units

**Unit Mass:** 20.7399 grams per Unit

**Serving Size:** 0.6913 grams per Serving



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 26.796 mg/unit

**Total CBD:** 1169.938 mg/unit

**Sum of Cannabinoids:** 1327.271 mg/unit

**Total Cannabinoids:** 1300.744 mg/unit

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 =  $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$   
 Total CBD =  $\text{CBD} + (\text{CBDA} \cdot 0.877)$   
 Sum of Cannabinoids =  $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDA} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$   
 Total Cannabinoids =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDA}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

**Moisture:** NT

**Density:** NT

**Viscosity:** NT

**SAFETY ANALYSIS - SUMMARY**

**$\Delta 9\text{THC}$  per Unit:** ✔ PASS

**Foreign Material:** NT

**Water Activity:** NT

**Vitamin E:** NT

**Pesticides:** ✔ PASS

**Mycotoxins:** NT

**Residual Solvents:** ✔ PASS

**Heavy Metals:** ✔ PASS

**Microbiology (PCR):** NT

**Microbiology (Plating):** NT

For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. 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 16 Effect Date January 16, 2019. Authority: Section 26013, 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)

*Carmen Stackhouse* *Josh Wurzer*  
 LQC verified by: Carmen Stackhouse Date: 05/09/2021  
 Approved by: Josh Wurzer, President Date: 05/09/2021



## Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 26.796 mg/unit**

Total THC ( $\Delta 9$ THC+0.877\*THCa)

**TOTAL CBD: 1169.938 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 1300.744 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta 8$ THC + CBL + CBN

**TOTAL CBG: 20.367 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 71.138 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 6.906 mg/unit**

Total CBDV (CBDV+0.877\* CBDVa)

### CANNABINOID TEST RESULTS - 05/08/2021

| COMPOUND                   | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g)      | RESULT (%)     |
|----------------------------|----------------|--------------------------------|--------------------|----------------|
| CBD                        | 0.004 / 0.011  | ±2.3402                        | 48.856             | 4.8856         |
| CBDA                       | 0.001 / 0.026  | ±0.3144                        | 8.614              | 0.8614         |
| CBC                        | 0.003 / 0.010  | ±0.0973                        | 2.350              | 0.2350         |
| CBCa                       | 0.001 / 0.015  | ±0.0602                        | 1.232              | 0.1232         |
| $\Delta 9$ THC             | 0.002 / 0.014  | ±0.0827                        | 1.173              | 0.1173         |
| CBG                        | 0.002 / 0.006  | ±0.0424                        | 0.681              | 0.0681         |
| CBGa                       | 0.002 / 0.007  | ±0.0100                        | 0.343              | 0.0343         |
| CBDV                       | 0.002 / 0.012  | ±0.0145                        | 0.276              | 0.0276         |
| CBL                        | 0.003 / 0.010  | ±0.0074                        | 0.156              | 0.0156         |
| THCa                       | 0.001 / 0.005  | ±0.0031                        | 0.136              | 0.0136         |
| CBN                        | 0.001 / 0.007  | ±0.0042                        | 0.114              | 0.0114         |
| CBDVa                      | 0.001 / 0.018  | ±0.0008                        | 0.065              | 0.0065         |
| $\Delta 8$ THC             | 0.01 / 0.02    | N/A                            | ND                 | ND             |
| THCV                       | 0.002 / 0.012  | N/A                            | ND                 | ND             |
| THCVa                      | 0.002 / 0.019  | N/A                            | ND                 | ND             |
| <b>SUM OF CANNABINOIDS</b> |                |                                | <b>63.996 mg/g</b> | <b>6.3996%</b> |

Unit Mass: 20.7399 grams per Unit / Serving Size: 0.6913 grams per Serving

|                                 |                        |                   |      |
|---------------------------------|------------------------|-------------------|------|
| $\Delta 9$ THC per Unit         | 1120 per-package limit | 24.328 mg/unit    | PASS |
| $\Delta 9$ THC per Serving      |                        | 0.811 mg/serving  |      |
| Total THC per Unit              |                        | 26.796 mg/unit    |      |
| Total THC per Serving           |                        | 0.893 mg/serving  |      |
| CBD per Unit                    |                        | 1013.269 mg/unit  |      |
| CBD per Serving                 |                        | 33.774 mg/serving |      |
| Total CBD per Unit              |                        | 1169.938 mg/unit  |      |
| Total CBD per Serving           |                        | 38.996 mg/serving |      |
| Sum of Cannabinoids per Unit    |                        | 1327.271 mg/unit  |      |
| Sum of Cannabinoids per Serving |                        | 44.240 mg/serving |      |
| Total Cannabinoids per Unit     |                        | 1300.744 mg/unit  |      |
| Total Cannabinoids per Serving  |                        | 43.356 mg/serving |      |

#### MOISTURE TEST RESULT

|            |
|------------|
| Not Tested |
|------------|

#### DENSITY TEST RESULT

|            |
|------------|
| Not Tested |
|------------|

#### VISCOSITY TEST RESULT

|            |
|------------|
| Not Tested |
|------------|



 **Pesticide Analysis**

**CATEGORY 1 PESTICIDE TEST RESULTS - 05/09/2021** ✔ PASS

**CATEGORY 1 AND 2 PESTICIDES**

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   |
| DDVP (Dichlorvos) | 0.03 / 0.09    | ≥ LOD               | N/A                            | ND            | PASS   |
| Dimethoate        | 0.03 / 0.08    | ≥ LOD               | N/A                            | ND            | PASS   |
| Ethoprop(hos)     | 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   |
| Methyl parathion  | 0.03 / 0.10    | ≥ 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   |
| 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 - 05/09/2021** ✔ PASS

|                     |             |     |     |    |      |
|---------------------|-------------|-----|-----|----|------|
| Abamectin           | 0.03 / 0.10 | 0.3 | N/A | ND | PASS |
| Acephate            | 0.02 / 0.07 | 5   | N/A | ND | PASS |
| Acequinocyl         | 0.02 / 0.07 | 4   | N/A | ND | PASS |
| Acetamiprid         | 0.02 / 0.05 | 5   | N/A | ND | PASS |
| Azoxystrobin        | 0.02 / 0.07 | 40  | N/A | ND | PASS |
| Bifenazate          | 0.01 / 0.04 | 5   | N/A | ND | PASS |
| Bifenthrin          | 0.02 / 0.05 | 0.5 | N/A | ND | PASS |
| Boscalid            | 0.03 / 0.09 | 10  | N/A | ND | PASS |
| Captan              | 0.19 / 0.57 | 5   | N/A | ND | PASS |
| Carbaryl            | 0.02 / 0.06 | 0.5 | N/A | ND | PASS |
| Chlorantraniliprole | 0.04 / 0.12 | 40  | N/A | ND | PASS |
| Clofentezine        | 0.03 / 0.09 | 0.5 | N/A | ND | PASS |
| Cyfluthrin          | 0.12 / 0.38 | 1   | N/A | ND | PASS |
| Cypermethrin        | 0.11 / 0.32 | 1   | N/A | ND | PASS |
| Diazinon            | 0.02 / 0.05 | 0.2 | N/A | ND | PASS |
| Dimethomorph        | 0.03 / 0.09 | 20  | N/A | ND | PASS |
| Etoazole            | 0.02 / 0.06 | 1.5 | N/A | ND | PASS |
| Fenhexamid          | 0.03 / 0.09 | 10  | N/A | ND | PASS |
| Fenpyroximate       | 0.02 / 0.06 | 2   | N/A | ND | PASS |

Continued on next page





**Pesticide Analysis** *Continued*

**CATEGORY 2 PESTICIDE TEST RESULTS - 05/09/2021** *continued* ✔ PASS

**CATEGORY 1 AND 2 PESTICIDES**

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 |
|--------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Flonicamid               | 0.03 / 0.10    | 2                   | N/A                            | ND            | PASS   |
| Fludioxonil              | 0.03 / 0.10    | 30                  | N/A                            | ND            | PASS   |
| Hexythiazox              | 0.02 / 0.07    | 2                   | N/A                            | ND            | PASS   |
| Imidacloprid             | 0.04 / 0.11    | 3                   | N/A                            | ND            | PASS   |
| Kresoxim-methyl          | 0.02 / 0.07    | 1                   | N/A                            | ND            | PASS   |
| Malathion                | 0.03 / 0.09    | 5                   | N/A                            | ND            | PASS   |
| Metalaxyl                | 0.02 / 0.07    | 15                  | N/A                            | ND            | PASS   |
| Methomyl                 | 0.03 / 0.10    | 0.1                 | N/A                            | ND            | PASS   |
| Myclobutanil             | 0.03 / 0.09    | 9                   | N/A                            | ND            | PASS   |
| Naled                    | 0.02 / 0.07    | 0.5                 | N/A                            | ND            | PASS   |
| Oxamyl                   | 0.04 / 0.11    | 0.2                 | N/A                            | ND            | PASS   |
| Pentachloronitrobenzene* | 0.03 / 0.09    | 0.2                 | N/A                            | ND            | PASS   |
| Permethrin               | 0.04 / 0.12    | 20                  | N/A                            | ND            | PASS   |
| Phosmet                  | 0.03 / 0.10    | 0.2                 | N/A                            | ND            | PASS   |
| Piperonylbutoxide        | 0.02 / 0.07    | 8                   | N/A                            | ND            | PASS   |
| Prallethrin              | 0.03 / 0.08    | 0.4                 | N/A                            | ND            | PASS   |
| Propiconazole            | 0.02 / 0.07    | 20                  | N/A                            | ND            | PASS   |
| Pyrethrins               | 0.04 / 0.12    | 1                   | N/A                            | ND            | PASS   |
| Pyridaben                | 0.02 / 0.07    | 3                   | N/A                            | ND            | PASS   |
| Spinetoram               | 0.02 / 0.07    | 3                   | N/A                            | ND            | PASS   |
| Spinosad                 | 0.02 / 0.07    | 3                   | N/A                            | ND            | PASS   |
| Spiromesifen             | 0.02 / 0.05    | 12                  | N/A                            | ND            | PASS   |
| Spirotetramat            | 0.02 / 0.06    | 13                  | N/A                            | ND            | PASS   |
| Tebuconazole             | 0.02 / 0.07    | 2                   | N/A                            | ND            | PASS   |
| Thiamethoxam             | 0.03 / 0.10    | 4.5                 | N/A                            | ND            | PASS   |
| Trifloxystrobin          | 0.03 / 0.08    | 30                  | N/A                            | ND            | PASS   |




 **Residual Solvents Analysis**


**CATEGORY 1 AND 2 RESIDUAL SOLVENTS**

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

**Method:** QSP 1204 - Analysis of Residual Solvents by GC-MS

**CATEGORY 1 RESIDUAL SOLVENTS TEST RESULTS - 05/08/2021**  **PASS**

| 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   |
| Ethylene Oxide     | 0.3 / 0.8      | 1                   | N/A                            | ND            | PASS   |
| Methylene chloride | 0.3 / 0.9      | 1                   | N/A                            | ND            | PASS   |
| Trichloroethylene  | 0.1 / 0.3      | 1                   | N/A                            | ND            | PASS   |

**CATEGORY 2 RESIDUAL SOLVENTS TEST RESULTS - 05/08/2021**  **PASS**

|                   |          |      |     |    |      |
|-------------------|----------|------|-----|----|------|
| Acetone           | 20 / 50  | 5000 | N/A | ND | PASS |
| Acetonitrile      | 2 / 7    | 410  | N/A | ND | PASS |
| Butane            | 10 / 50  | 5000 | 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 |
| Heptane           | 20 / 60  | 5000 | N/A | ND | PASS |
| Hexane            | 2 / 5    | 290  | N/A | ND | PASS |
| Isopropyl Alcohol | 10 / 40  | 5000 | N/A | ND | PASS |
| Methanol          | 50 / 200 | 3000 | N/A | ND | PASS |
| 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 Analysis**

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

**Method:** QSP 1160 - Analysis of Heavy Metals by ICP-MS

**HEAVY METALS TEST RESULTS - 05/07/2021**  **PASS**

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|----------|----------------|---------------------|--------------------------------|---------------|--------|
| Cadmium  | 0.02 / 0.05    | 0.5                 | N/A                            | ND            | PASS   |
| Lead     | 0.04 / 0.1     | 0.5                 | N/A                            | ND            | PASS   |
| Arsenic  | 0.02 / 0.1     | 1.5                 | N/A                            | <LOQ          | PASS   |
| Mercury  | 0.002 / 0.01   | 3                   | N/A                            | <LOQ          | PASS   |

