

SAMPLE NAME: R&R Full Spectrum 5000mg CBD Cream

Infused, Hemp

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: R&R CBD

License Number:
Address:
SAMPLE DETAIL
Batch Number: 3900

Sample ID: 230720R049

Date Collected: 07/20/2023

Date Received: 07/20/2023

Batch Size:
Sample Size: 1.0 units

Unit Mass: 70 grams per Unit

Serving Size: 2.32 grams per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 197.260 mg/unit
Total CBD: 5441.870 mg/unit
Sum of Cannabinoids: 6019.720 mg/unit
Total Cannabinoids: 6009.220 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:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} (0.877))$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} (0.877))$$

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} +$$

$$\text{exo-THC} + \Delta^8\text{-THCV} + \Delta^8\text{-iso-THC} + 9\text{S-HHC} + 9\text{R-HHC} + \Delta^{10}\text{-THC} +$$

$$\Delta^9\text{-THC Acetate}$$

$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 * \text{THCa}) + (\text{CBD} + 0.877 * \text{CBDa}) +$$

$$(\text{CBG} + 0.877 * \text{CBGa}) + (\text{THCV} + 0.877 * \text{THCVa}) + (\text{CBC} + 0.877 * \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 * \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} + \text{exo-THC} + \Delta^8\text{-THCV} +$$

$$\Delta^8\text{-iso-THC} + 9\text{S-HHC} + 9\text{R-HHC} + \Delta^{10}\text{-THC} + \Delta^9\text{-THC Acetate}$$
TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 0.0231%

α-Bisabolol 0.132 mg/g

Guaiol 0.069 mg/g

β-Caryophyllene 0.030 mg/g
SAFETY ANALYSIS - SUMMARY
Pesticides: ND
Mycotoxins: ND
Residual Solvents: ND
Heavy Metals: ND
Microbiology (PCR): ND
Microbiology (Plating): ND

For quality assurance purposes. Not a Regulatory 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 4 Division 19. Department of Cannabis Control 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), too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)



Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 08/01/2023



Cannabinoid Analysis

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

†Analytes not part of our ISO/IEC 17025 scope of accreditation.

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD or QSP 34181 - Semisynthetic Cannabinoids Analysis by HPLC

TOTAL THC: 197.260 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 5441.870 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 6009.220 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN + exo-THC + Δ^8 -THCV + Δ^8 -iso-THC + 9S-HHC + 9R-HHC + Δ^{10} -THC + Δ^9 -THC Acetate

TOTAL CBG: 81.130 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 187.950 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 48.650 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 07/24/2023

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|----------------------------|----------------|--------------------------------|--------------------|----------------|
| CBD | 0.004 / 0.011 | ±2.8611 | 76.704 | 7.6704 |
| Δ^9 -THC | 0.002 / 0.014 | ±0.1547 | 2.818 | 0.2818 |
| CBC | 0.003 / 0.010 | ±0.0853 | 2.650 | 0.2650 |
| CBDA | 0.001 / 0.026 | ±0.0336 | 1.182 | 0.1182 |
| CBG | 0.002 / 0.006 | ±0.0562 | 1.159 | 0.1159 |
| CBDV | 0.002 / 0.012 | ±0.0284 | 0.695 | 0.0695 |
| CBN | 0.001 / 0.007 | ±0.0175 | 0.609 | 0.0609 |
| CBL | 0.003 / 0.010 | ±0.0051 | 0.139 | 0.0139 |
| CBCa | 0.001 / 0.015 | ±0.0015 | 0.040 | 0.0040 |
| CBDVa | 0.001 / 0.018 | N/A | <LOQ | <LOQ |
| Δ^8 -iso-THC† | 0.025 / 0.084 | N/A | <LOQ | <LOQ |
| exo-THC† | 0.028 / 0.093 | N/A | <LOQ | <LOQ |
| Δ^8 -THC | 0.01 / 0.02 | N/A | ND | ND |
| THCa | 0.001 / 0.005 | N/A | ND | ND |
| THCV | 0.002 / 0.012 | N/A | ND | ND |
| THCVa | 0.002 / 0.019 | N/A | ND | ND |
| CBGa | 0.002 / 0.007 | N/A | ND | ND |
| 9R-HHC† | 0.027 / 0.089 | N/A | ND | ND |
| 9S-HHC† | 0.027 / 0.090 | N/A | ND | ND |
| Δ^{10} -THC† | 0.024 / 0.078 | N/A | ND | ND |
| Δ^8 -THCV† | 0.012 / 0.039 | N/A | ND | ND |
| Δ^9 -THC Acetate† | 0.023 / 0.077 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 85.996 mg/g | 8.5996% |

Unit Mass: 70 grams per Unit / Serving Size: 2.32 grams per Serving

| | |
|---------------------------------|--------------------|
| Δ^9 -THC per Unit | 197.260 mg/unit |
| Δ^9 -THC per Serving | 6.538 mg/serving |
| Total THC per Unit | 197.260 mg/unit |
| Total THC per Serving | 6.538 mg/serving |
| CBD per Unit | 5369.280 mg/unit |
| CBD per Serving | 177.953 mg/serving |
| Total CBD per Unit | 5441.870 mg/unit |
| Total CBD per Serving | 180.359 mg/serving |
| Sum of Cannabinoids per Unit | 6019.720 mg/unit |
| Sum of Cannabinoids per Serving | 199.511 mg/serving |
| Total Cannabinoids per Unit | 6009.220 mg/unit |
| Total Cannabinoids per Serving | 199.163 mg/serving |



Terpenoid Analysis

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

Method: QSP 1192 - Analysis of Terpenoids by GC-FID

1 α -Bisabolol

A sesquiterpene alcohol with a fragrance that can be described as floral, peppery, sweet and clean. Found in chamomile, figwort, yarrow, skullcaps, lavender, ironwort, germander...etc.

2 Guaiol

A sesquiterpene alcohol with a fragrance that can be described as floral, piney, herbal and woody. Found in guaiacum, cypress pine, ginseng, melaleuca, goatweed, incense grass...etc.

3 β -Caryophyllene

A sesquiterpene with a fragrance that can be described as spicy, woody, dry, dusty and mildly sweet. It was one of the first organic compounds to fully synthesized in a laboratory and plays a role in the endocannabinoid system as it is a functional CB₂ receptor agonist. Found in black pepper, clove, hops, rosemary, black-jack, perilla, spicebush, Indian pennywort, celery, frankincense, vitex, parsley, marigold, tamarind...etc.

TERPENOID TEST RESULTS - 07/24/2023

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---------------------------|----------------|--------------------------------|-------------------|----------------|
| α -Bisabolol | 0.008 / 0.026 | ±0.0055 | 0.132 | 0.0132 |
| Guaiol | 0.009 / 0.030 | ±0.0025 | 0.069 | 0.0069 |
| β -Caryophyllene | 0.004 / 0.012 | ±0.0008 | 0.030 | 0.0030 |
| α -Humulene | 0.009 / 0.029 | N/A | <LOQ | <LOQ |
| Nerolidol | 0.006 / 0.019 | N/A | <LOQ | <LOQ |
| α -Pinene | 0.005 / 0.017 | N/A | ND | ND |
| Camphene | 0.005 / 0.015 | N/A | ND | ND |
| Sabinene | 0.004 / 0.014 | N/A | ND | ND |
| β -Pinene | 0.004 / 0.014 | N/A | ND | ND |
| Myrcene | 0.008 / 0.025 | N/A | ND | ND |
| α -Phellandrene | 0.006 / 0.020 | N/A | ND | ND |
| Δ^3 -Carene | 0.005 / 0.018 | N/A | ND | ND |
| α -Terpinene | 0.005 / 0.017 | N/A | ND | ND |
| p-Cymene | 0.005 / 0.016 | N/A | ND | ND |
| Limonene | 0.005 / 0.016 | N/A | ND | ND |
| Eucalyptol | 0.006 / 0.018 | N/A | ND | ND |
| β -Ocimene | 0.006 / 0.020 | N/A | ND | ND |
| γ -Terpinene | 0.006 / 0.018 | N/A | ND | ND |
| Sabinene Hydrate | 0.006 / 0.022 | N/A | ND | ND |
| Fenchone | 0.009 / 0.028 | N/A | ND | ND |
| Terpinolene | 0.008 / 0.026 | N/A | ND | ND |
| Linalool | 0.009 / 0.032 | N/A | ND | ND |
| Fenchol | 0.010 / 0.034 | N/A | ND | ND |
| Isopulegol | 0.005 / 0.016 | N/A | ND | ND |
| Camphor | 0.006 / 0.019 | N/A | ND | ND |
| Isoborneol | 0.004 / 0.012 | N/A | ND | ND |
| Borneol | 0.005 / 0.016 | N/A | ND | ND |
| Menthol | 0.008 / 0.025 | N/A | ND | ND |
| Terpineol | 0.009 / 0.031 | N/A | ND | ND |
| Nerol | 0.003 / 0.011 | N/A | ND | ND |
| Citronellol | 0.003 / 0.010 | N/A | ND | ND |
| Pulegone | 0.003 / 0.011 | N/A | ND | ND |
| Geraniol | 0.002 / 0.007 | N/A | ND | ND |
| Geranyl Acetate | 0.004 / 0.014 | N/A | ND | ND |
| α -Cedrene | 0.005 / 0.016 | N/A | ND | ND |
| trans- β -Farnesene | 0.008 / 0.025 | N/A | ND | ND |
| Valencene | 0.009 / 0.030 | N/A | ND | ND |
| Caryophyllene Oxide | 0.010 / 0.033 | N/A | ND | ND |
| Cedrol | 0.008 / 0.027 | N/A | ND | ND |
| TOTAL TERPENOIDS | | | 0.231 mg/g | 0.0231% |



Pesticide Analysis

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

PESTICIDE TEST RESULTS - 07/25/2023 ND

| COMPOUND | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|---------------------|----------------|--------------------------------|---------------|
| Abamectin | 0.032 / 0.097 | N/A | ND |
| Acephate | 0.006 / 0.018 | N/A | ND |
| Acequinocyl | 0.009 / 0.027 | N/A | ND |
| Acetamiprid | 0.016 / 0.049 | N/A | ND |
| Aldicarb | 0.030 / 0.090 | N/A | ND |
| Allethrin | 0.030 / 0.092 | N/A | ND |
| Atrazine | 0.006 / 0.019 | N/A | ND |
| Azadirachtin | 0.082 / 0.248 | N/A | ND |
| Azoxystrobin | 0.003 / 0.009 | N/A | ND |
| Benzovindiflupyr | 0.003 / 0.009 | N/A | ND |
| Bifenazate | 0.003 / 0.009 | N/A | ND |
| Bifenthrin | 0.021 / 0.064 | N/A | ND |
| Boscalid | 0.003 / 0.009 | N/A | ND |
| Buprofezin | 0.006 / 0.019 | N/A | ND |
| Carbaryl | 0.007 / 0.020 | N/A | ND |
| Carbofuran | 0.003 / 0.008 | N/A | ND |
| Chlorantraniliprole | 0.006 / 0.018 | N/A | ND |
| Chlorfenapyr* | 0.005 / 0.015 | N/A | ND |
| Chlorpyrifos | 0.013 / 0.039 | N/A | ND |
| Clofentezine | 0.003 / 0.009 | N/A | ND |
| Clothianidin | 0.008 / 0.025 | N/A | ND |
| Coumaphos | 0.003 / 0.010 | N/A | ND |
| Cyantraniliprole | 0.003 / 0.010 | N/A | ND |
| Cyfluthrin | 0.052 / 0.159 | N/A | ND |
| Cypermethrin | 0.051 / 0.153 | N/A | ND |
| Cyprodinil | 0.003 / 0.008 | N/A | ND |
| Daminozide | 0.026 / 0.077 | N/A | ND |
| Deltamethrin | 0.059 / 0.180 | N/A | ND |
| Diazinon | 0.006 / 0.017 | N/A | ND |
| Dichlorvos (DDVP) | 0.012 / 0.038 | N/A | ND |
| Dimethoate | 0.003 / 0.009 | N/A | ND |
| Dimethomorph | 0.016 / 0.050 | N/A | ND |
| Dinotefuran | 0.010 / 0.030 | N/A | ND |
| Diuron | 0.013 / 0.040 | N/A | ND |
| Dodemorph | 0.012 / 0.035 | N/A | ND |
| Endosulfan sulfate | 0.016 / 0.048 | N/A | ND |
| Endosulfan-α* | 0.004 / 0.014 | N/A | ND |
| Endosulfan-β* | 0.006 / 0.019 | N/A | ND |
| Ethoprophos | 0.003 / 0.009 | N/A | ND |
| Etofenprox | 0.014 / 0.042 | N/A | ND |
| Etoxazole | 0.007 / 0.020 | N/A | ND |

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 07/25/2023 continued ND

| COMPOUND | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|--------------------------|----------------|--------------------------------|---------------|
| Etridiazole* | 0.002 / 0.005 | N/A | ND |
| Fenhexamid | 0.003 / 0.008 | N/A | ND |
| Fenoxycarb | 0.003 / 0.010 | N/A | ND |
| Fenpyroximate | 0.007 / 0.020 | N/A | ND |
| Fensulfothion | 0.003 / 0.010 | N/A | ND |
| Fenthion | 0.003 / 0.010 | N/A | ND |
| Fenvalerate | 0.033 / 0.099 | N/A | ND |
| Fipronil | 0.003 / 0.010 | N/A | ND |
| Flonicamid | 0.007 / 0.022 | N/A | ND |
| Fludioxonil | 0.003 / 0.010 | N/A | ND |
| Fluopyram | 0.003 / 0.009 | N/A | ND |
| Hexythiazox | 0.003 / 0.010 | N/A | ND |
| Imazalil | 0.003 / 0.009 | N/A | ND |
| Imidacloprid | 0.003 / 0.010 | N/A | ND |
| Iprodione | 0.077 / 0.233 | N/A | ND |
| Kinoprene | 0.077 / 0.233 | N/A | ND |
| Kresoxim-methyl | 0.006 / 0.019 | N/A | ND |
| λ-Cyhalothrin | 0.068 / 0.206 | N/A | ND |
| Malathion | 0.003 / 0.009 | N/A | ND |
| Metaxyl | 0.003 / 0.010 | N/A | ND |
| Methiocarb | 0.003 / 0.008 | N/A | ND |
| Methomyl | 0.008 / 0.025 | N/A | ND |
| Methoprene | 0.172 / 0.521 | N/A | ND |
| Mevinphos | 0.008 / 0.024 | N/A | ND |
| MGK-264 | 0.015 / 0.047 | N/A | ND |
| Myclobutanil | 0.003 / 0.009 | N/A | ND |
| Naled | 0.021 / 0.064 | N/A | ND |
| Novaluron | 0.002 / 0.005 | N/A | ND |
| Oxamyl | 0.017 / 0.051 | N/A | ND |
| Paclobutrazol | 0.003 / 0.010 | N/A | ND |
| Parathion-methyl | 0.016 / 0.050 | N/A | ND |
| Pentachloronitrobenzene* | 0.004 / 0.012 | N/A | ND |
| Permethrin | 0.056 / 0.168 | N/A | ND |
| Phenothrin | 0.016 / 0.047 | N/A | ND |
| Phosmet | 0.007 / 0.020 | N/A | ND |
| Piperonyl Butoxide | 0.010 / 0.029 | N/A | ND |
| Pirimicarb | 0.003 / 0.009 | N/A | ND |
| Prallethrin | 0.015 / 0.046 | N/A | ND |
| Propiconazole | 0.027 / 0.080 | N/A | ND |
| Propoxur | 0.003 / 0.008 | N/A | ND |
| Pyraclostrobin | 0.003 / 0.010 | N/A | ND |

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 07/25/2023 *continued ND*

| COMPOUND | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|--------------------|----------------|--------------------------------|---------------|
| Pyrethrins | 0.016 / 0.049 | N/A | ND |
| Pyridaben | 0.005 / 0.017 | N/A | ND |
| Pyriproxyfen | 0.003 / 0.009 | N/A | ND |
| Resmethrin | 0.013 / 0.039 | N/A | ND |
| Spinetoram | 0.003 / 0.010 | N/A | ND |
| Spinosad | 0.003 / 0.010 | N/A | ND |
| Spirodiclofen | 0.031 / 0.093 | N/A | ND |
| Spiromesifen | 0.016 / 0.050 | N/A | ND |
| Spirotetramat | 0.003 / 0.010 | N/A | ND |
| Spiroxamine | 0.020 / 0.062 | N/A | ND |
| Tebuconazole | 0.003 / 0.010 | N/A | ND |
| Tebufozide | 0.003 / 0.008 | N/A | ND |
| Teflubenzuron | 0.007 / 0.022 | N/A | ND |
| Tetrachlorvinphos | 0.003 / 0.008 | N/A | ND |
| Tetramethrin | 0.021 / 0.063 | N/A | ND |
| Thiabendazole | 0.006 / 0.020 | N/A | ND |
| Thiacloprid | 0.003 / 0.009 | N/A | ND |
| Thiamethoxam | 0.003 / 0.010 | N/A | ND |
| Thiophanate-methyl | 0.013 / 0.040 | N/A | ND |
| Trifloxystrobin | 0.003 / 0.009 | N/A | ND |



Mycotoxin Analysis

MYCOTOXIN TEST RESULTS - 07/25/2023 ND

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

| COMPOUND | LOD/LOQ (µg/kg) | MEASUREMENT UNCERTAINTY (µg/kg) | RESULT (µg/kg) |
|-----------------|-----------------|---------------------------------|----------------|
| Aflatoxin B1 | 1.6 / 5.0 | N/A | ND |
| Aflatoxin B2 | 1.4 / 4.1 | N/A | ND |
| Aflatoxin G1 | 1.6 / 4.9 | N/A | ND |
| Aflatoxin G2 | 1.6 / 5.0 | N/A | ND |
| Total Aflatoxin | | | ND |
| Ochratoxin A | 1.6 / 5.0 | N/A | ND |



Residual Solvents Analysis

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

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

Total Butanes = n-Butane + 2-Methylpropane (Isobutane)

Total Heptanes = 2,2-Dimethylpentane (Neoheptane) + 2,3-Dimethylpentane + 2,4-Dimethylpentane + 3,3-Dimethylpentane + 2,2,3-Trimethylbutane (Triptane) + 2-Methylhexane (Isoheptane) + 3-Methylhexane + 3-Ethylpentane + n-Heptane

Total Xylenes = 1,2-Dimethylbenzene (o-Xylene) + 1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)

RESIDUAL SOLVENTS TEST RESULTS - 07/25/2023 ND

| COMPOUND | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|---|----------------|--------------------------------|---------------|
| Propane | 0.234 / 0.781 | N/A | ND |
| 2-Methylpropane (Isobutane) | 0.052 / 0.173 | N/A | ND |
| n-Butane | 0.019 / 0.063 | N/A | ND |
| Total Butanes | | | ND |
| n-Pentane | 0.310 / 1.033 | N/A | ND |
| n-Hexane | 0.110 / 0.366 | N/A | ND |
| 2,2-Dimethylpentane (Neoheptane) | 0.493 / 1.642 | N/A | ND |
| 2,3-Dimethylpentane | 1.009 / 3.365 | N/A | ND |
| 2,4-Dimethylpentane | 0.737 / 2.458 | N/A | ND |
| 3,3-Dimethylpentane | 0.198 / 0.660 | N/A | ND |
| 2,2,3-Trimethylbutane (Triptane) | 0.521 / 1.738 | N/A | ND |
| 2-Methylhexane (Isoheptane) | 0.610 / 2.034 | N/A | ND |
| 3-Methylhexane | 0.235 / 0.785 | N/A | ND |
| 3-Ethylpentane | 0.304 / 1.012 | N/A | ND |
| n-Heptane | 13.12 / 43.72 | N/A | ND |
| Total Heptanes | | | ND |
| Benzene | 0.089 / 0.295 | N/A | ND |
| Toluene | 0.115 / 0.382 | N/A | ND |
| 1,3-Dimethylbenzene / 1,4-Dimethylbenzene | 0.451 / 1.502 | N/A | ND |
| 1,2-Dimethylbenzene (o-Xylene) | 0.387 / 1.289 | N/A | ND |
| Total Xylenes | | | ND |
| Methanol | 53.92 / 163.4 | N/A | ND |
| Ethanol | 8.984 / 27.23 | N/A | ND |
| 2-Propanol (Isopropyl Alcohol) | 8.421 / 25.52 | N/A | ND |
| Acetone | 10.59 / 32.08 | N/A | ND |
| Ethyl Acetate | 1.123 / 3.745 | N/A | ND |

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 - 07/23/2023 ND

| COMPOUND | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|----------|----------------|--------------------------------|---------------|
| Arsenic | 0.02 / 0.1 | N/A | ND |
| Cadmium | 0.02 / 0.05 | N/A | ND |
| Lead | 0.04 / 0.1 | N/A | ND |
| Mercury | 0.002 / 0.01 | N/A | ND |



Microbiology Analysis

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with 3M™ Petrifilm™

MICROBIOLOGY TEST RESULTS (PCR) - 07/24/2023 ND

| COMPOUND | RESULT |
|---|--------|
| Shiga toxin-producing <i>Escherichia coli</i> | ND |
| <i>Salmonella</i> spp. | ND |

MICROBIOLOGY TEST RESULTS (PLATING) - 07/24/2023 ND

| COMPOUND | RESULT (cfu/g) |
|------------------------|----------------|
| Total Aerobic Bacteria | ND |
| Total Yeast and Mold | ND |
| Coliforms | ND |

NOTES

CoA Amended Update: Order Details-Unit Mass