

**SAMPLE NAME: Fast Asleep Gummy**

Infused, Solid Edible

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Kria Botanicals

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:** 0018724WABC0904

**Sample ID:** 240919M025

**Date Collected:** 09/19/2024

**Date Received:** 09/19/2024

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:** 4.2367 grams per Unit

**Serving Size:**


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 1.957 mg/unit

**Total CBD:** 9.126 mg/unit

**Sum of Cannabinoids:** 14.684 mg/unit

**Total Cannabinoids:** 14.684 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:

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

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

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

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

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

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

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
**SAFETY ANALYSIS - SUMMARY**
 $\Delta^9$ -THC per Unit: ✔ PASS

 Pesticides: ✔ PASS

 Mycotoxins: ✔ PASS

 Residual Solvents: ✔ PASS

 Heavy Metals: ✔ PASS

 Microbiology (PCR): ✔ PASS

 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: 09/26/2024

Amendment to Certificate of Analysis 240919M025-002



## 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: 1.957 mg/unit

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

### TOTAL CBD: 9.126 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 14.684 mg/unit

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

### TOTAL CBG: 1.805 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: ND

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: ND

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 09/25/2024

| COMPOUND                   | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g)     | RESULT (%)     |
|----------------------------|----------------|--------------------------------|-------------------|----------------|
| CBD                        | 0.004 / 0.011  | ±0.0803                        | 2.154             | 0.2154         |
| $\Delta^9$ -THC            | 0.002 / 0.014  | ±0.0254                        | 0.462             | 0.0462         |
| CBG                        | 0.002 / 0.006  | ±0.0207                        | 0.426             | 0.0426         |
| CBN                        | 0.001 / 0.007  | ±0.0122                        | 0.424             | 0.0424         |
| $\Delta^8$ -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             |
| CBDa                       | 0.001 / 0.026  | N/A                            | ND                | ND             |
| CBDV                       | 0.002 / 0.012  | N/A                            | ND                | ND             |
| CBDVa                      | 0.001 / 0.018  | N/A                            | ND                | ND             |
| CBGa                       | 0.002 / 0.007  | N/A                            | ND                | ND             |
| CBL                        | 0.003 / 0.010  | N/A                            | ND                | ND             |
| CBC                        | 0.003 / 0.010  | N/A                            | ND                | ND             |
| CBCa                       | 0.001 / 0.015  | N/A                            | ND                | ND             |
| <b>SUM OF CANNABINOIDS</b> |                |                                | <b>3.466 mg/g</b> | <b>0.3466%</b> |

## Unit Mass: 4.2367 grams per Unit

| Parameter                    | Limit                 | Result         | Status |
|------------------------------|-----------------------|----------------|--------|
| $\Delta^9$ -THC per Unit     | 110 per-package limit | 1.957 mg/unit  | PASS   |
| Total THC per Unit           |                       | 1.957 mg/unit  |        |
| CBD per Unit                 |                       | 9.126 mg/unit  |        |
| Total CBD per Unit           |                       | 9.126 mg/unit  |        |
| Sum of Cannabinoids per Unit |                       | 14.684 mg/unit |        |
| Total Cannabinoids per Unit  |                       | 14.684 mg/unit |        |

## 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 - 09/24/2024 PASS

| COMPOUND         | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Abamectin        | 0.032 / 0.097  | 0.3                 | N/A                            | ND            | PASS   |
| Acephate         | 0.006 / 0.018  | 5                   | N/A                            | ND            | PASS   |
| Acequinocyl      | 0.009 / 0.027  | 4                   | N/A                            | ND            | PASS   |
| Acetamiprid      | 0.016 / 0.049  | 5                   | N/A                            | ND            | PASS   |
| Aldicarb         | 0.030 / 0.090  | ≥ LOD               | N/A                            | ND            | PASS   |
| 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  | 40                  | N/A                            | ND            | PASS   |
| Benzovindiflupyr | 0.003 / 0.009  |                     | N/A                            | ND            |        |
| Bifenazate       | 0.003 / 0.009  | 5                   | N/A                            | ND            | PASS   |

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**Pesticide Analysis** *Continued*

PESTICIDE TEST RESULTS - 09/24/2024 *continued*  **PASS**

| COMPOUND             | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|----------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Bifenthrin           | 0.021 / 0.064  | 0.5                 | N/A                            | ND            | PASS   |
| Boscalid             | 0.003 / 0.009  | 10                  | N/A                            | ND            | PASS   |
| Buprofezin           | 0.006 / 0.019  |                     | N/A                            | ND            |        |
| Captan               | 0.045 / 0.135  | 5                   | N/A                            | ND            | PASS   |
| Carbaryl             | 0.007 / 0.020  | 0.5                 | N/A                            | ND            | PASS   |
| Carbofuran           | 0.003 / 0.008  | ≥ LOD               | N/A                            | ND            | PASS   |
| Chlorantraniliprole  | 0.006 / 0.018  | 40                  | N/A                            | ND            | PASS   |
| Chlordane*           | 0.010 / 0.032  | ≥ LOD               | N/A                            | ND            | PASS   |
| Chlorfenapyr*        | 0.005 / 0.015  | ≥ LOD               | N/A                            | ND            | PASS   |
| Chlormequat chloride | 0.022 / 0.066  |                     | N/A                            | ND            |        |
| Chlorpyrifos         | 0.013 / 0.039  | ≥ LOD               | N/A                            | ND            | PASS   |
| Clofentezine         | 0.003 / 0.009  | 0.5                 | N/A                            | ND            | PASS   |
| Clothianidin         | 0.008 / 0.025  |                     | N/A                            | ND            |        |
| Coumaphos            | 0.003 / 0.010  | ≥ LOD               | N/A                            | ND            | PASS   |
| Cyantraniliprole     | 0.003 / 0.010  |                     | N/A                            | ND            |        |
| Cyfluthrin           | 0.052 / 0.159  | 1                   | N/A                            | ND            | PASS   |
| Cypermethrin         | 0.051 / 0.153  | 1                   | N/A                            | ND            | PASS   |
| Cyprodinil           | 0.003 / 0.008  |                     | N/A                            | ND            |        |
| Daminozide           | 0.026 / 0.077  | ≥ LOD               | N/A                            | ND            | PASS   |
| Deltamethrin         | 0.059 / 0.180  |                     | N/A                            | ND            |        |
| Diazinon             | 0.006 / 0.017  | 0.2                 | N/A                            | ND            | PASS   |
| Dichlorvos (DDVP)    | 0.012 / 0.038  | ≥ LOD               | N/A                            | ND            | PASS   |
| Dimethoate           | 0.003 / 0.009  | ≥ LOD               | N/A                            | ND            | PASS   |
| Dimethomorph         | 0.016 / 0.050  | 20                  | N/A                            | ND            | PASS   |
| 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  | ≥ LOD               | N/A                            | ND            | PASS   |
| Etofenprox           | 0.014 / 0.042  | ≥ LOD               | N/A                            | ND            | PASS   |
| Etoxazole            | 0.007 / 0.020  | 1.5                 | N/A                            | ND            | PASS   |
| Etridiazole*         | 0.002 / 0.005  |                     | N/A                            | ND            |        |
| Fenhexamid           | 0.003 / 0.008  | 10                  | N/A                            | ND            | PASS   |
| Fenoxycarb           | 0.003 / 0.010  | ≥ LOD               | N/A                            | ND            | PASS   |
| Fenpyroximate        | 0.007 / 0.020  | 2                   | N/A                            | ND            | PASS   |
| 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  | ≥ LOD               | N/A                            | ND            | PASS   |

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**Pesticide Analysis** *Continued*

PESTICIDE TEST RESULTS - 09/24/2024 *continued* ✔ PASS

| COMPOUND                              | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---------------------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Flonicamid                            | 0.007 / 0.022  | 2                   | N/A                            | ND            | PASS   |
| Fludioxonil                           | 0.003 / 0.010  | 30                  | N/A                            | ND            | PASS   |
| Fluopyram                             | 0.003 / 0.009  |                     | N/A                            | ND            |        |
| Hexythiazox                           | 0.003 / 0.010  | 2                   | N/A                            | ND            | PASS   |
| Imazalil                              | 0.003 / 0.009  | ≥ LOD               | N/A                            | ND            | PASS   |
| Imidacloprid                          | 0.003 / 0.010  | 3                   | N/A                            | ND            | PASS   |
| Iprodione                             | 0.077 / 0.233  |                     | N/A                            | ND            |        |
| Kinoprene                             | 0.077 / 0.233  |                     | N/A                            | ND            |        |
| Kresoxim-methyl                       | 0.006 / 0.019  | 1                   | N/A                            | ND            | PASS   |
| λ-Cyhalothrin                         | 0.068 / 0.206  |                     | N/A                            | ND            |        |
| Malathion                             | 0.003 / 0.009  | 5                   | N/A                            | ND            | PASS   |
| Metalaxyl                             | 0.003 / 0.010  | 15                  | N/A                            | ND            | PASS   |
| Methiocarb                            | 0.003 / 0.008  | ≥ LOD               | N/A                            | ND            | PASS   |
| Methomyl                              | 0.008 / 0.025  | 0.1                 | N/A                            | ND            | PASS   |
| Methoprene                            | 0.172 / 0.521  |                     | N/A                            | ND            |        |
| Mevinphos                             | 0.008 / 0.024  | ≥ LOD               | N/A                            | ND            | PASS   |
| MGK-264                               | 0.015 / 0.047  |                     | N/A                            | ND            |        |
| Myclobutanil                          | 0.003 / 0.009  | 9                   | N/A                            | ND            | PASS   |
| Naled                                 | 0.021 / 0.064  | 0.5                 | N/A                            | ND            | PASS   |
| Novaluron                             | 0.002 / 0.005  |                     | N/A                            | ND            |        |
| Oxamyl                                | 0.017 / 0.051  | 0.2                 | N/A                            | ND            | PASS   |
| Paclobutrazol                         | 0.003 / 0.010  | ≥ LOD               | N/A                            | ND            | PASS   |
| Parathion-methyl                      | 0.016 / 0.050  | ≥ LOD               | N/A                            | ND            | PASS   |
| Pentachloronitrobenzene (Quintozene)* | 0.004 / 0.012  | 0.2                 | N/A                            | ND            | PASS   |
| Permethrin                            | 0.056 / 0.168  | 20                  | N/A                            | ND            | PASS   |
| Phenothrin                            | 0.016 / 0.047  |                     | N/A                            | ND            |        |
| Phosmet                               | 0.007 / 0.020  | 0.2                 | N/A                            | ND            | PASS   |
| Piperonyl Butoxide                    | 0.010 / 0.029  | 8                   | N/A                            | ND            | PASS   |
| Pirimicarb                            | 0.003 / 0.009  |                     | N/A                            | ND            |        |
| Prallethrin                           | 0.015 / 0.046  | 0.4                 | N/A                            | ND            | PASS   |
| Propiconazole                         | 0.027 / 0.080  | 20                  | N/A                            | ND            | PASS   |
| Propoxur                              | 0.003 / 0.008  | ≥ LOD               | N/A                            | ND            | PASS   |
| Pyraclostrobin                        | 0.003 / 0.010  |                     | N/A                            | ND            |        |
| Pyrethrins                            | 0.016 / 0.049  | 1                   | N/A                            | ND            | PASS   |
| Pyridaben                             | 0.005 / 0.017  | 3                   | N/A                            | ND            | PASS   |
| Pyriproxyfen                          | 0.003 / 0.009  |                     | N/A                            | ND            |        |
| Resmethrin                            | 0.013 / 0.039  |                     | N/A                            | ND            |        |
| Spinetoram                            | 0.003 / 0.010  | 3                   | N/A                            | ND            | PASS   |
| Spinosad                              | 0.003 / 0.010  | 3                   | N/A                            | ND            | PASS   |
| Spirodiclofen                         | 0.031 / 0.093  |                     | N/A                            | ND            |        |
| Spiromesifen                          | 0.016 / 0.050  | 12                  | N/A                            | ND            | PASS   |

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### Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 09/24/2024 *continued* ✔ PASS

| COMPOUND           | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Spirotetramat      | 0.003 / 0.010  | 13                  | N/A                            | ND            | PASS   |
| Spiroxamine        | 0.020 / 0.062  | ≥ LOD               | N/A                            | ND            | PASS   |
| Tebuconazole       | 0.003 / 0.010  | 2                   | N/A                            | ND            | PASS   |
| Tebufenozide       | 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  | ≥ LOD               | N/A                            | ND            | PASS   |
| Thiamethoxam       | 0.003 / 0.010  | 4.5                 | N/A                            | ND            | PASS   |
| Thiophanate-methyl | 0.013 / 0.040  |                     | N/A                            | ND            |        |
| Trifloxystrobin    | 0.003 / 0.009  | 30                  | N/A                            | ND            | PASS   |



### Mycotoxin Analysis

MYCOTOXIN TEST RESULTS - 09/24/2024 ✔ PASS

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) | ACTION LIMIT (µg/kg) | MEASUREMENT UNCERTAINTY (µg/kg) | RESULT (µg/kg) | RESULT |
|-----------------|-----------------|----------------------|---------------------------------|----------------|--------|
| 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 |                 | 20                   |                                 | ND             | PASS   |
| Ochratoxin A    | 1.6 / 5.0       | 20                   | N/A                             | ND             | PASS   |



### Residual Solvents Analysis

RESIDUAL SOLVENTS TEST RESULTS - 09/22/2024 ✔ PASS

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 Pentanes** = n-Pentane + 2-Methylbutane (Isopentane)  
**Total Hexanes** = n-Hexane + 2,2-Dimethylbutane (Neohexane) + 2,3-Dimethylbutane / 2-Methylpentane (Isohexane) + 3-Methylpentane  
**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) + Ethylbenzene

| COMPOUND                             | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Propane                              | 0.234 / 0.781  | 5000                | N/A                            | ND            | PASS   |
| 2-Methylpropane (Isobutane)          | 0.052 / 0.173  |                     | N/A                            | ND            |        |
| n-Butane                             | 0.019 / 0.063  | 5000                | N/A                            | ND            | PASS   |
| Total Butanes                        |                |                     |                                | ND            |        |
| 2-Methylbutane (Isopentane)          | 0.310 / 1.035  |                     | N/A                            | ND            |        |
| 2,2-Dimethylpropane (Neopentane)     | 0.035 / 0.117  |                     | N/A                            | ND            |        |
| n-Pentane                            | 0.310 / 1.033  | 5000                | N/A                            | ND            | PASS   |
| Total Pentanes                       |                |                     |                                | ND            |        |
| 2,2-Dimethylbutane (Neohexane)       | 9.831 / 32.77  |                     | N/A                            | ND            |        |
| 2,3-Dimethylbutane / 2-Methylpentane | 0.381 / 1.271  |                     | N/A                            | ND            |        |
| 3-Methylpentane                      | 0.109 / 0.365  |                     | N/A                            | ND            |        |

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 **Residual Solvents Analysis**  
*Continued*

RESIDUAL SOLVENTS TEST RESULTS - 09/22/2024 *continued* ✔ PASS

| COMPOUND                                  | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---|----------------|---------------------|--------------------------------|---------------|--------|
| n-Hexane                                  | 0.110 / 0.366  | 290                 | N/A                            | ND            | PASS   |
| <b>Total Hexanes</b>                      |                |                     |                                | ND            |        |
| Cyclohexane                               | 0.357 / 1.190  |                     | 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  | 5000                | N/A                            | ND            | PASS   |
| <b>Total Heptanes</b>                     |                |                     |                                | ND            |        |
| Cycloheptane                              | 0.597 / 1.989  |                     | N/A                            | ND            |        |
| Benzene                                   | 0.089 / 0.295  | 1                   | N/A                            | ND            | PASS   |
| Toluene                                   | 0.115 / 0.382  | 890                 | N/A                            | ND            | PASS   |
| Cumene                                    | 0.180 / 0.600  |                     | 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            |        |
| Ethylbenzene                              | 0.370 / 1.233  |                     | N/A                            | ND            |        |
| <b>Total Xylenes</b>                      |                | 2170                |                                | ND            | PASS   |
| Methanol                                  | 53.92 / 163.4  | 3000                | N/A                            | ND            | PASS   |
| Ethanol                                   | 8.984 / 27.23  | 5000                | ±14.510                        | 930.10        | PASS   |
| 1-Propanol                                | 1.540 / 5.133  |                     | N/A                            | ND            |        |
| 2-Propanol (Isopropyl Alcohol)            | 8.421 / 25.52  | 5000                | N/A                            | ND            | PASS   |
| 1-Butanol                                 | 0.475 / 1.582  |                     | N/A                            | ND            |        |
| 2-Butanol                                 | 7.248 / 24.16  |                     | N/A                            | ND            |        |
| 1-Pentanol                                | 1.461 / 4.869  |                     | N/A                            | ND            |        |
| Acetone                                   | 10.59 / 32.08  | 5000                | N/A                            | ND            | PASS   |
| 2-Butanone                                | 0.169 / 0.564  |                     | N/A                            | ND            |        |
| Tetrahydrofuran                           | 0.622 / 2.075  |                     | N/A                            | ND            |        |
| Ethyl Ether                               | 0.197 / 0.658  | 5000                | N/A                            | ND            | PASS   |
| Ethylene Glycol                           | 3.803 / 12.68  |                     | N/A                            | ND            |        |
| 2-Ethoxyethanol                           | 1.235 / 4.118  |                     | N/A                            | ND            |        |
| 1,2-Dimethoxyethane                       | 2.116 / 7.052  |                     | N/A                            | ND            |        |
| 1,4-Dioxane                               | 0.468 / 1.558  |                     | N/A                            | ND            |        |
| Ethylene Oxide                            | 0.253 / 0.844  | 1                   | N/A                            | ND            | PASS   |
| Ethyl Acetate                             | 1.123 / 3.745  | 5000                | N/A                            | ND            | PASS   |
| Isopropyl Acetate                         | 0.347 / 1.158  |                     | N/A                            | ND            |        |

Continued on next page



### Residual Solvents Analysis

Continued

RESIDUAL SOLVENTS TEST RESULTS - 09/22/2024 *continued* ✔ PASS

| COMPOUND                             | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Chloroform                           | 0.251 / 0.838  | 1                   | N/A                            | ND            | PASS   |
| Dichloromethane (Methylene Chloride) | 2.651 / 8.838  | 1                   | N/A                            | ND            | PASS   |
| Trichloroethylene                    | 0.299 / 0.996  | 1                   | N/A                            | ND            | PASS   |
| 1,2-Dichloroethane                   | 0.162 / 0.541  | 1                   | N/A                            | ND            | PASS   |
| 1,1-Dichloroethene                   | 0.185 / 0.616  |                     | N/A                            | ND            |        |
| 1,2-Dichloroethene                   | 0.428 / 1.427  |                     | N/A                            | ND            |        |
| Sulfolane                            | 47.66 / 158.9  |                     | N/A                            | ND            |        |
| Dimethyl Sulfoxide                   | 6.168 / 20.56  |                     | N/A                            | ND            |        |
| Acetonitrile                         | 1.595 / 4.833  | 410                 | N/A                            | ND            | PASS   |
| Pyridine                             | 0.407 / 1.355  |                     | N/A                            | ND            |        |
| N,N-Dimethylacetamide                | 0.127 / 0.422  |                     | N/A                            | ND            |        |
| N,N-Dimethylformamide                | 0.946 / 3.153  |                     | N/A                            | ND            |        |

### Heavy Metals Analysis

HEAVY METALS TEST RESULTS - 09/22/2024 ✔ PASS

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

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

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

### 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

MICROBIOLOGY TEST RESULTS (PCR) - 09/23/2024 ✔ PASS

| COMPOUND                                      | ACTION LIMIT (cfu/g) | RESULT (cfu/g) | RESULT |
|---|----------------------|----------------|--------|
| Shiga toxin-producing <i>Escherichia coli</i> | Not Detected in 1g   | ND             | PASS   |
| <i>Salmonella</i> spp.                        | Not Detected in 1g   | ND             | PASS   |
| <i>Aspergillus fumigatus</i>                  | Not Detected in 1g   | ND             | PASS   |
| <i>Aspergillus flavus</i>                     | Not Detected in 1g   | ND             | PASS   |
| <i>Aspergillus niger</i>                      | Not Detected in 1g   | ND             | PASS   |
| <i>Aspergillus terreus</i>                    | Not Detected in 1g   | ND             | PASS   |
| <i>Candida albicans</i>                       |                      | ND             |        |
| <i>Campylobacter</i> spp.                     |                      | ND             |        |
| <i>Yersinia</i> spp.                          |                      | ND             |        |
| <i>Listeria monocytogenes</i>                 |                      | ND             |        |
| <i>Pseudomonas aeruginosa</i>                 |                      | ND             |        |
| Bile-Tolerant Gram-Negative Bacteria          |                      | ND             |        |
| <i>Staphylococcus aureus</i>                  |                      | ND             |        |



### Microbiology Analysis *Continued*

#### MICROBIOLOGY TEST RESULTS (PLATING) - 09/23/2024 ND

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

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

| COMPOUND                 | RESULT (cfu/g) |
|--------------------------|----------------|
| Total Aerobic Bacteria   | ND             |
| Total Yeast and Mold     | ND             |
| Total Enterobacteriaceae | ND             |
| <i>Escherichia coli</i>  | ND             |
| Coliforms                | ND             |

#### NOTES

Reason for Amendment: Result Change