

# CERTIFICATE OF ANALYSIS

Product: Rise Organics Hemp Extract Full Spectrum Mint Chocolate Tincture 1000/30  
Common/INCI Name: Organic Hemp Seed Oil (Cannabis sativa Hemp Seed Oil), Full Spectrum Hemp Extract (N/A), Natural Flavors (N/S), Stevia (Stevia rebaudiana Leaf Extract)  
CAS#: 8016-24-8, Custom Blend, N/A, 91722-21-3  
Country of Origin: United States  
Lot Number: MH1000F, 19 317  
Manufacturing Date: 11/13/2019  
Expiration Date: 11/13/2021

*Store in air tight container; in a cool dry area; away from direct sunlight.*

## Organoleptic Testing:

### Properties

Appearance:

Flavor:

Solubility:

Specific Gravity:

### Specifications

Pale yellow to golden colored liquid.

Chocolate flavor with mint and spicy flavor.

Soluble in oil and alcohol. Insoluble in water.

0.871 - 0.971 @ 20° C (68° F)

### Results

Conforms

Conforms

Conforms

0.926

## Heavy Metal Analysis: ICP-MS

| Symbol | Metal   | Concentration/Units | MDL | Use Limits/Units | Status |
|--------|---------|---------------------|-----|------------------|--------|
| As     | Arsenic | 7 µg/kg             | 4   | 200/1500 µg/kg   | Pass   |
| Cd     | Cadmium | 3 µg/kg             | 1   | 200/500 µg/kg    | Pass   |
| Hg     | Mercury | 4 µg/kg             | 2   | 100/1500 µg/kg   | Pass   |
| Pb     | Lead    | ND µg/kg            | 2   | 500/1000 µg/kg   | Pass   |

## Microbial Contaminants: PCR

### Test

Total Aerobic Count

Total Coliforms

Total Yeasts and Molds

E. coli

Salmonella

### Unit

CFU/g

CFU/g

CFU/g

CFU/g

CFU/g

### Result

None Detected

None Detected

None Detected

None Detected

None Detected

## Pesticides: GC QQQ

| Pesticide     | Action Level (ppm) | Results (ppm) | Pesticide       | Action Level (ppm) | Results (ppm) |
|---------------|--------------------|---------------|-----------------|--------------------|---------------|
| Abamectin B1A | 0.100              | None Detected | Imadacloprid    | 5.000              | None Detected |
| Acephate      | 0.100              | None Detected | Kresoxim-methyl | 0.100              | None Detected |
| Acequinocyl   | 0.100              | None Detected | Malathion       | 0.500              | None Detected |
| Acetamiprid   | 0.100              | None Detected | Metalaxyl       | 2.000              | None Detected |
| Aldicarb      | 0.100              | None Detected | Methicarb       | 0.100              | None Detected |
| Azoxystrobin  | 0.100              | None Detected | Methomyl        | 1.000              | None Detected |

|                     |        |               |                     |       |               |
|---------------------|--------|---------------|---------------------|-------|---------------|
| Bifenazate          | 0.100  | None Detected | Mevinphos           | 0.100 | None Detected |
| Bifenthrin          | 3.000  | None Detected | Myclobutanil        | 0.100 | None Detected |
| Boscalid            | 0.100  | None Detected | Naled               | 0.100 | None Detected |
| Carbaryl            | 0.500  | None Detected | Oxamyl              | 0.500 | None Detected |
| Carbofuran          | 0.100  | None Detected | Paclobutrazol       | 0.100 | None Detected |
| Chlorantraniliprole | 10.000 | None Detected | Permethrins         | 0.500 | None Detected |
| Chlorpyrifos        | 0.100  | None Detected | Phosmet             | 0.100 | None Detected |
| Clofentezine        | 0.100  | None Detected | Piperonyl Butoxide  | 3.000 | None Detected |
| Daminozide          | 0.100  | None Detected | Prallethrin         | 0.100 | None Detected |
| Diazanone           | 0.100  | None Detected | Propiconazole       | 0.100 | None Detected |
| Dichlorvos          | 0.100  | None Detected | Propoxur Pyrethrins | 0.500 | None Detected |
| Dimethoate          | 0.100  | None Detected | Pyridaben           | 0.100 | None Detected |
| Dimethomorph        | 2.000  | None Detected | Spinetoram          | 0.100 | None Detected |
| Ethoprophos         | 0.100  | None Detected | Spinosad            | 0.100 | None Detected |
| Etofenprox          | 0.100  | None Detected | Spiromesifen        | 0.100 | None Detected |
| Etoxazole           | 0.100  | None Detected | Spirotetramat       | 0.100 | None Detected |
| Fenhexamid          | 0.100  | None Detected | Spiroxamine         | 0.100 | None Detected |
| Fenoxycarb          | 0.100  | None Detected | Tebuconazole        | 0.100 | None Detected |
| Fenpyroximate       | 0.100  | None Detected | Thiacloprid         | 0.100 | None Detected |
| Fipronil            | 0.100  | None Detected | Thiamethoxam        | 0.100 | None Detected |
| Flonicamid          | 0.100  | None Detected | Trifloxystrobin     | 5.000 | None Detected |
| Fludioxonil         | 0.100  | None Detected |                     |       |               |
| Hexythiazox         | 0.100  | None Detected |                     |       |               |
| Imazalil            | 0.100  | None Detected |                     |       |               |

#### Residual Solvents: GC

| Solvent                       | Reportable Range (ppm) | Result (ppm) | Solvent                   | Reportable Range (ppm) | Result (ppm) |
|-------------------------------|------------------------|--------------|---------------------------|------------------------|--------------|
| Propane                       | 100-2000               | 0            | Hexane                    | 6-120                  | 0            |
| Butanes (Isobutane, n-Butane) | 100-2000               | 0            | Benzene                   | 0.2-4.0                | 0.0          |
| Pentane                       | 100-2000               | 0            | Heptanes                  | 100-2000               | 0            |
| Ethanol                       | 100-2000               | 0            | Toluene                   | 18-360                 | 0            |
| Acetone                       | 100-2000               | 0            | Xylenes (m, p, o-Xylenes) | 46-860                 | 0            |
| Isopropyl Alcohol             | 100-2000               | 0            |                           |                        |              |

#### Mycotoxin Analysis: LC-MS

| Analyte      | Action Level (ppb) | Results (ppb) |
|--------------|--------------------|---------------|
| Aflatoxin B1 | 20.000             | None Detected |
| Aflatoxin B2 | 20.000             | None Detected |
| Aflatoxin G1 | 20.000             | None Detected |
| Aflatoxin G2 | 20.000             | None Detected |

Ochratoxin A

20.000

None Detected

#### Cannabinoid Analysis Profile: HPLC

| Cannabinoid | mg/g   | %      | Cannabinoid   | mg/g | %     |
|-------------|--------|--------|---------------|------|-------|
| THC         | 1.295  | 0.129% | CBGa          | ND   | 0.00% |
|             | mg/g   |        |               |      |       |
| THCa        | ND     | 0.00%  | THCV          | ND   | 0.00% |
| CBD         | 34.439 | 3.444% | THCVa         | ND   | 0.00% |
|             | mg/g   |        |               |      |       |
| CBDa        | ND     | 0.00%  | Delta 8 – THC | ND   | 0.00% |
| CBN         | ND     | 0.00%  | CBC           | ND   | 0.00% |
| CBDV        | ND     | 0.00%  | CBCa          | ND   | 0.00% |
| CBDVa       | ND     | 0.00%  | CBL           | ND   | 0.00% |
| CBG         | 0.281  | 0.028% |               |      |       |
|             | mg/g   |        |               |      |       |

#### Summary

Organoleptic Analysis:

**Pass**

Heavy Metal Analysis:

**Pass**

Microbial Analysis:

**None Detected**

Pesticide Analysis:

**None Detected**

Residual Solvent Analysis:

**None Detected**

Mycotoxin Analysis:

**None Detected**

Essential Oil Analysis:

**Unadulterated, no traces of synthetic additives.**

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This product has been tested by:

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# Rise Organics