

# Certificate Of Analysis

**Client Name:** Bristol Extracts LLC

**Address:** 4376 State Route 64  
Canandaigua, NY 14424

**Phone:** 917-743-5534

**License Number:** OCM-AUCP-22-000016

**Sample Description:** TANGERINE GUMMY

**Lot Number:** 23017-03

**Regulatory Category:** Adult Use

**Sample Matrix:** Extracted

**Delivery Method:** Oral

## Results Summary

|                                                          |      |
|----------------------------------------------------------|------|
| Microbial Impurities (CDP-TC)                            | PASS |
| Microbial Impurities (CDP-YMR)                           | PASS |
| Microbial Impurities (PdX for STEC, Salmonella, Asp sp.) | PASS |
| Mycotoxins                                               | PASS |
| Pesticides                                               | PASS |
| Trace Metals                                             | PASS |
| Water Activity                                           | PASS |
| Average Cannabinoid Profile                              |      |

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## Microbial Impurities (CDP-TC)

**PASS**

Date analyzed: 01/27/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

| Result (CFU/g) | LOQ | Allowable Limit | Pass/Fail   |
|----------------|-----|-----------------|-------------|
| <LOQ           | 5   | 100000          | <b>PASS</b> |

Analysis Instrument

87 Colony Counter

V149.6

## Microbial Impurities (CDP-YMR)

**PASS**

Date analyzed: 01/27/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

| Microbial Species    | Result (cfu/g) | LOQ | Allowable Limit | Pass/Fail   |
|----------------------|----------------|-----|-----------------|-------------|
| Mold Count           | <LOQ           | 5   | 10000           | <b>PASS</b> |
| Yeast Count          | <LOQ           | 5   | 10000           | <b>PASS</b> |
| Total Yeast and Mold | <LOQ           |     | 10000           | <b>PASS</b> |
| Overall Status       |                |     |                 | <b>PASS</b> |

Analysis Instrument

87 colony counter

V150.6

# Certificate Of Analysis

## Microbial Impurities (PdX for STEC, Salmonella, Asp sp.)

**PASS**

Date analyzed: 01/27/2023

Method: NY.SOP.T.040.170

Analyst: Lindsey Vento

| Microbial Species                 | Microbial Type | Detection Status | Pass/Fail |
|-----------------------------------|----------------|------------------|-----------|
| Escherichia coli specific gene    | Bacteria       | Not Detected     | PASS      |
| Escherichia coli/Shigella species | Bacteria       | Not Detected     | PASS      |
| Salmonella species                | Bacteria       | Not Detected     | PASS      |
| stx1 gene (Shiga Toxin Gene 1)    | Bacteria       | Not Detected     | PASS      |
| stx2 gene (Shiga Toxin Gene 2)    | Bacteria       | Not Detected     | PASS      |
| Aspergillus flavus                | Fungal         | Not Detected     | PASS      |
| Aspergillus niger                 | Fungal         | Not Detected     | PASS      |
| Aspergillus terreus               | Fungal         | Not Detected     | PASS      |
| Aspergillus fumigatus             | Fungal         | Not Detected     | PASS      |
| Overall Status                    |                |                  | PASS      |

Analysis Instrument

PathogenDX-Sensovation AG 33

V133.6

## Mycotoxins

**PASS**

Date analyzed: 01/27/2023

Method: NY.SOP.T.40.180

Analyst: Alicia Caruso-Thomas

| Analyte           | Result (µg/g) | LOQ (µg/g) | Allowable Limit | Pass/Fail |
|-------------------|---------------|------------|-----------------|-----------|
| Aflatoxin B1      | <LOQ          | 0.001      | 0.02            | PASS      |
| Aflatoxin B2      | <LOQ          | 0.002      | 0.02            | PASS      |
| Aflatoxin G1      | <LOQ          | 0.001      | 0.02            | PASS      |
| Aflatoxin G2      | <LOQ          | 0.002      | 0.02            | PASS      |
| Sum of Aflatoxins | 0             | -          | 0.02            | PASS      |
| Ochratoxin A      | <LOQ          | 0.002      | 0.02            | PASS      |
| Overall Status    |               |            |                 | PASS      |

Analysis Instrument

30 LC-MS TQ

V141.3

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## Pesticides

**PASS**

Date analyzed: 01/26/2023

Method: NY.SOP.T.040.230

Analyst: Alicia Caruso-Thomas

| Analyte               | Result (µg/g) | LOQ         | Allowable Limit | Pass/Fail |
|-----------------------|---------------|-------------|-----------------|-----------|
| Azadirachtin          | <LOQ          | 0.37        | 1               | PASS      |
| Cinerin I†            | <LOQ          | 0.02        | 1               | PASS      |
| Indole-3-butyric Acid | <LOQ          | 1.26        | 1               | PASS      |
| Jasmolin I†           | <LOQ          | 0.02        | 1               | PASS      |
| Myclobutanil          | <LOQ          | 0.30        | 0.2             | PASS      |
| Piperonyl butoxide    | <LOQ          | 0.21        | 2               | PASS      |
| Pyrethrin I†          | <LOQ          | 0.43        | 1               | PASS      |
| Total Pyrethrins†     | 0             |             | 1               | PASS      |
|                       |               |             | Overall Status  | PASS      |
| Analysis Instrument   |               | 30 LC-MS TQ |                 |           |

V144.5

## Trace Metals

**PASS**

Date analyzed: 01/27/2023

Method: NY.SOP.T.40.050

Analyst: Kyle Rappaport

| Analyte             | Result (µg/g) | LOQ                    | Allowable Limit | Pass/Fail |
|---------------------|---------------|------------------------|-----------------|-----------|
| Antimony (Sb)       | <LOQ          | 0.13                   | 120             | PASS      |
| Arsenic (As)        | <LOQ          | 0.07                   | 1.5             | PASS      |
| Cadmium (Cd)        | <LOQ          | 0.06                   | 0.5             | PASS      |
| Chromium (Cr)       | 0.61          | 0.36                   | 1100            | PASS      |
| Copper (Cu)         | 0.47          | 0.39                   | 300             | PASS      |
| Lead (Pb)           | 0.08          | 0.08                   | 0.5             | PASS      |
| Mercury (Hg)        | <LOQ          | 0.01                   | 3               | PASS      |
| Nickel (Ni)         | 0.28          | 0.11                   | 20              | PASS      |
|                     |               |                        | Overall Status  | PASS      |
| Analysis Instrument |               | Equipment ID: 1 ICP-MS |                 |           |

# Certificate Of Analysis

## Water Activity

**PASS**

Date analyzed: 01/26/2023

Method: NY.SOP.T.040.210

Analyst: Destiny Ribadeneyra

| Result (Aw) | LOQ  | Allowable Limit | Pass/Fail   |
|-------------|------|-----------------|-------------|
| 0.48        | 0.25 | 0.85            | <b>PASS</b> |

Analysis Instrument

103 Aqualab TDL 2

V131.60

## Average Cannabinoid Profile

Date analyzed: 02/01/2023

Method: NY.SOP.T.40.260

Analyst: Stephanie Knapp

| Analyte                             | Average (%w/w) | mg/serving | Standard Deviation (mg/serving) | Homogeneity Pass/Fail* |
|-------------------------------------|----------------|------------|---------------------------------|------------------------|
| Δ8-THC†                             | <LOQ           | <LOQ       | N/A                             | N/A                    |
| Δ9-THC†                             | 0.19           | 5.26       | 0.27                            | <b>PASS</b>            |
| Δ10-THC-RS†                         | <LOQ           | <LOQ       | N/A                             | N/A                    |
| Δ10-THC-RR†                         | <LOQ           | <LOQ       | N/A                             | N/A                    |
| Tetrahydrocannabinolic acid (THCA)† | <LOQ           | <LOQ       | N/A                             | N/A                    |
| Tetrahydrocannabivarin (THCV)       | <LOQ           | <LOQ       | N/A                             | N/A                    |
| Cannabidiol (CBD)                   | 0.24           | 6.66       | 0.21                            | <b>PASS</b>            |
| Cannabinadiolic acid (CBDA)         | <LOQ           | <LOQ       | N/A                             | N/A                    |
| Cannabidivarin (CBDV)               | <LOQ           | <LOQ       | N/A                             | N/A                    |
| Cannabinol (CBN)                    | <LOQ           | <LOQ       | N/A                             | N/A                    |
| Cannabigerol (CBG)                  | <LOQ           | <LOQ       | N/A                             | N/A                    |
| Cannabigerolic acid (CBGA)          | <LOQ           | <LOQ       | N/A                             | N/A                    |
| Cannabichromene (CBC)               | <LOQ           | <LOQ       | N/A                             | N/A                    |
| †Total Tetrahydrocannabinol (THC)   | 0.19           | 5.26       | 0.27                            | <b>PASS</b>            |

Overall Status

**PASS**

\*Pass if the concentration of individual samples is  $\pm 1$  standard deviation of the mean concentration

V158.11



**Phyto-farma Labs**  
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Warwick, NY 10990  
Permit#: OCMPPPL-2022-00004  
Phone: 845-988-0937

Compliance

## Certificate Of Analysis

*Alicia Caruso-Thomas*

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Alicia Caruso-Thomas  
Laboratory Director  
02/08/2023