



# Certificate of Analysis

## Liquid Zenith 15 ml Bottle (12ct. Case)

### Lot Information

|                 |               |
|-----------------|---------------|
| Lot#            | 040825        |
| Expiration Date | 04/08/25      |
| Appearance      | Dark Liquid   |
| Odor            | Sweet         |
| Taste           | Confectionery |

### Treatment Information

|                   |     |
|-------------------|-----|
| Date of Treatment | N/A |
| Temperature       | N/A |
| Duration          | N/A |

The temperature was held for the duration at the core of the product.

### Mitragyna Speciosa

Mitragynine

| Result | Method   | Limit Standards |
|--------|----------|-----------------|
| 13.7%  | HPLC-DAD | Kraken Kratom   |

### Microbiology Profile

Aerobic Plate Count (APC)

E. Coli

Yeast

Mold

Enterobacteriaceae

Salmonella spp

|          |                         |      |
|----------|-------------------------|------|
| PASS     | AOAC 2020.02            | AHPA |
| PASS     | AOAC 991.14             | AHPA |
| PASS     | AOAC 997.02 (Petrifilm) | AHPA |
| PASS     | AOAC 997.02 (Petrifilm) | AHPA |
| PASS     | AOAC.2003.01            | AHPA |
| Negative | AOAC RI 050701          | AHPA |

### Heavy Metals Profile

Arsenic

Cadmium

Lead

Mercury

|      |              |      |
|------|--------------|------|
| PASS | AOAC 2013.06 | AHPA |
| PASS | AOAC 2013.06 | AHPA |
| PASS | AOAC 2013.06 | AHPA |
| PASS | AOAC 2013.06 | AHPA |

Trace metal in food by inductively Coupled Mass Spectrometry

### Residual Solvents

Presence of 57 distinct residual solvents screened by GC/MS;  
all 57 were < limits of quantification (LOQ) (LOQ = no presence detected) and thus conforms to standard

Approved Signatory: Quality Manager

Drew Stratton

3519 NE 19th Ave #519

Portland, OR 97209

1-855-KRA-TOM

<https://kraken-products.com>