

## Comprehensive Analysis Report

### Sample Overview

**Client:** The Wasatch Apothecary LLC

3143 W. 12875 S. Riverton, UT 84065

**Sample Name:** Watermelon Zkittlez

**Sample Matrix:** Gelatinous Cube

**Sample Lot:** WA00043V

**Date Received:** 01/15/2026

**APRC #:** WAP260116A

| Assay                                                | Disposition | Date Tested |
|------------------------------------------------------|-------------|-------------|
| Heavy Metals - Utah State Cannabis Panel             | Tested      | 01/21/2026  |
| Microbial: Quantitative and Pathogen Detection Combo | Tested      | 01/21/2026  |
| Pesticide Screen (APRC Panel)                        | Tested      | 01/20/2026  |
| Hemp or R&D Residual Solvents                        | Tested      | 01/20/2026  |
| Mycotoxin Quantitation                               | Tested      | 01/20/2026  |



Accreditation #115229

Aromatic Plant Research Center is an ISO 17025:2017 certified laboratory.

## Instrument Analysis Report

### Heavy Metals

Method: CTLA

Sample Name: Watermelon Zkittlez

APRC Lot Number: WAP260116A

| Analyte | Result (ppm) | LOD (ppm) | Threshold (ppm) | Pass/Fail |
|---------|--------------|-----------|-----------------|-----------|
| Arsenic | <0.001       | 0.001     | 2.00            | Pass      |
| Cadmium | <0.001       | 0.001     | 0.82            | Pass      |
| Lead    | 0.008        | 0.001     | 1.20            | Pass      |
| Mercury | <0.001       | 0.001     | 0.40            | Pass      |

Heavy metal analysis is completed in partnership with Contract Testing Laboratories of America, Orem UT.

Performed by: CTLA

Reviewed by: Jordan Morley

## Instrument Analysis Report

### Microbial Impurities

Method: SOP 1-2034.01 and 1-2035.01

Sample Name: Watermelon Zkittlez

APRC Lot Number: WAP260116A

| Total Counts           |                 |                |              |
|------------------------|-----------------|----------------|--------------|
| Microbial Group:       | Result (CFU/g): | Specification: | Disposition: |
| Total Aerobic Bacteria | <10             | ≤10,000        | Pass         |
| Total Yeast and Mold   | <10             | ≤1,000         | Pass         |

| Specific Organism Identification |              |                |              |
|----------------------------------|--------------|----------------|--------------|
| Microbial Organism:              | Result:      | Specification: | Disposition: |
| Aspergillus flavus               | NT           | NT             | Not Tested   |
| Aspergillus fumigatus            | NT           | NT             | Not Tested   |
| Aspergillus niger                | NT           | NT             | Not Tested   |
| Aspergillus terreus              | NT           | NT             | Not Tested   |
| E. coli                          | NT           | NT             | Not Tested   |
| STEC                             | Not Detected | Not Detected   | Pass         |
| Salmonella - Specific Gene       | Not Detected | Not Detected   | Pass         |
| Staphylococcus aureus            | NT           | NT             | Not Tested   |
| Pseudomonas aeruginosa           | NT           | NT             | Not Tested   |

Performed by: Kyla Thomas

Notes: Foreign Matter: Not Detected.

Reviewed by: Jordan Morley

## Instrument Analysis Report

### Pesticides

Method:

Sample Name: Watermelon Zkittlez

APRC Lot Number: WAP260116A

| Pesticide:          | Finding | Action Limit (µg/g) | Pass/Fail |
|---------------------|---------|---------------------|-----------|
| Abamectin           | ND      | 0.5                 | Pass      |
| Acephate            | ND      | 0.4                 | Pass      |
| Acequinocyl         | ND      | 2.0                 | Pass      |
| Acetamiprid         | ND      | 0.2                 | Pass      |
| Aldicarb            | ND      | 0.4                 | Pass      |
| Azoxystrobin        | ND      | 0.2                 | Pass      |
| Bifenazate          | ND      | 0.2                 | Pass      |
| Bifenthrin          | ND      | 0.2                 | Pass      |
| Boscalid            | ND      | 0.4                 | Pass      |
| Carbaryl            | ND      | 0.2                 | Pass      |
| Carbofuran          | ND      | 0.2                 | Pass      |
| Chlorantraniliprole | ND      | 0.2                 | Pass      |
| Chlorfenapyr        | ND      | 1.0                 | Pass      |
| Chlorpyrifos        | ND      | 0.2                 | Pass      |
| Clofentezine        | ND      | 0.2                 | Pass      |
| Cyfluthrin          | ND      | 1.0                 | Pass      |
| Cypermethrin        | ND      | 1.0                 | Pass      |
| Daminozide          | ND      | 1.0                 | Pass      |
| Dichlorvos          | ND      | 0.1                 | Pass      |
| Diazinon            | ND      | 0.2                 | Pass      |
| Dimethoate          | ND      | 0.2                 | Pass      |
| Ethoprophos         | ND      | 0.2                 | Pass      |
| Etofenprox          | ND      | 0.4                 | Pass      |
| Etoxazole           | ND      | 0.2                 | Pass      |
| Fenoxycarb          | ND      | 0.2                 | Pass      |
| Fenpyroximate       | ND      | 0.4                 | Pass      |
| Fipronil            | ND      | 0.4                 | Pass      |
| Flonicamid          | ND      | 1.0                 | Pass      |
| Fludioxonil         | ND      | 0.4                 | Pass      |

| Pesticide:         | Finding | Action Limit (µg/g) | Pass/Fail |
|--------------------|---------|---------------------|-----------|
| Hexythiazox        | ND      | 1.0                 | Pass      |
| Imazalil           | ND      | 0.2                 | Pass      |
| Imidacloprid       | ND      | 0.4                 | Pass      |
| Kresoxim-methyl    | ND      | 0.4                 | Pass      |
| Malathion          | ND      | 0.2                 | Pass      |
| Metaxyl            | ND      | 0.2                 | Pass      |
| Methiocarb         | ND      | 0.2                 | Pass      |
| Methomyl           | ND      | 0.4                 | Pass      |
| Methyl parathion   | ND      | 0.2                 | Pass      |
| MGK-264            | ND      | 0.2                 | Pass      |
| Myclobutanil       | ND      | 0.2                 | Pass      |
| Naled              | ND      | 0.5                 | Pass      |
| Oxamyl             | ND      | 1.0                 | Pass      |
| Paclobutrazol      | ND      | 0.4                 | Pass      |
| Permethrins        | ND      | 0.2                 | Pass      |
| Phosmet            | ND      | 0.2                 | Pass      |
| Piperonyl butoxide | ND      | 2.0                 | Pass      |
| Prallethrin        | ND      | 0.2                 | Pass      |
| Propiconazole      | ND      | 0.4                 | Pass      |
| Propoxur           | ND      | 0.2                 | Pass      |
| Pyrethrin          | ND      | 1.0                 | Pass      |
| Pyridaben          | ND      | 0.2                 | Pass      |
| Spinosad           | ND      | 0.2                 | Pass      |
| Spiromesifen       | ND      | 0.2                 | Pass      |
| Spirotetramat      | ND      | 0.2                 | Pass      |
| Spiroxamine        | ND      | 0.4                 | Pass      |
| Tebuconazole       | ND      | 0.4                 | Pass      |
| Thiacloprid        | ND      | 0.2                 | Pass      |
| Thiamethoxam       | ND      | 0.2                 | Pass      |
| Trifloxystrobin    | ND      | 0.2                 | Pass      |

Performed by: Anil Rokaya

Reviewed by: Tessa Crook

Pesticide testing performed in a non-ISO 17025:2017 accredited facility. Pass/Fail determinations based on Utah Administrative Rule R68-29.

## Instrument Analysis Report

### Residual Solvents

Method: SOP 1-2027.03

Sample Name: Watermelon Zkittlez

APRC Lot Number: WAP260116A

| Residual Solvent      | Finding (µg/g) | Action Level (µg/g) | Pass/Fail |
|-----------------------|----------------|---------------------|-----------|
| Dimethyl sulfoxide    | ND             | 5000                | Pass      |
| N,N-dimethylacetamide | ND             | 1090                | Pass      |
| 1,2 Dimethoxyethane   | ND             | 100                 | Pass      |
| 1,4 Dioxane           | ND             | 380                 | Pass      |
| 1-Butanol             | ND             | 5000                | Pass      |
| 1-Pentanol            | ND             | 5000                | Pass      |
| 1-Propanol            | ND             | 5000                | Pass      |
| 2-Butanone            | ND             | 5000                | Pass      |
| 2-Butanol             | ND             | 5000                | Pass      |
| 2-Ethoxyethanol       | ND             | 160                 | Pass      |
| 2-Methylbutane        | ND             | 5000                | Pass      |
| 2-Propanol            | ND             | 5000                | Pass      |
| Acetone               | ND             | 5000                | Pass      |
| Acetonitrile          | ND             | 410                 | Pass      |
| Benzene               | ND             | 2                   | Pass      |
| Butane                | ND             | 5000                | Pass      |
| Cumene                | ND             | 70                  | Pass      |
| Cyclohexane           | ND             | 3880                | Pass      |
| Dichloromethane       | ND             | 600                 | Pass      |
| 2,2-Dimethylbutane    | ND             | 290                 | Pass      |
| 2,3-Dimethylbutane    | ND             | 290                 | Pass      |
| m,p-Xylene            | ND             | See Total Xylenes   | Pass      |
| o-Xylene              | ND             | See Total Xylenes   | Pass      |
| Ethanol               | ND             | 5000                | Pass      |
| Ethyl Acetate         | ND             | 5000                | Pass      |
| Ethyl Benzene         | ND             | See Total Xylenes   | Pass      |
| Ethyl Ether           | ND             | 5000                | Pass      |
| Ethylene Glycol       | ND             | 620                 | Pass      |
| Ethylene Oxide        | ND             | 50                  | Pass      |

| Residual Solvent      | Finding (µg/g) | Action Level (µg/g) | Pass/Fail |
|-----------------------|----------------|---------------------|-----------|
| Heptane               | ND             | 5000                | Pass      |
| Hexane                | ND             | 290                 | Pass      |
| Isopropyl Acetate     | ND             | 5000                | Pass      |
| Methanol              | 46,946         | 3000                | Pass      |
| Methylpropane         | ND             | 5000                | Pass      |
| 2-Methylpentane       | ND             | 290                 | Pass      |
| 3-Methylpentane       | ND             | 290                 | Pass      |
| N,N-Dimethylformamide | ND             | 880                 | Pass      |
| Pentane               | ND             | 5000                | Pass      |
| Propane               | ND             | 5000                | Pass      |
| Pyridine              | ND             | 100                 | Pass      |
| Sulfolane             | ND             | 160                 | Pass      |
| Tetrahydrofuran       | ND             | 720                 | Pass      |
| Toluene               | ND             | 890                 | Pass      |
| Total Xylenes         | ND             | 2170                | Pass      |

† Per Utah state code 4-41a-701(3) Section R68-29-6

‡ Total Xylenes is a combination of the following: o-Xylene, m-Xylene, p-Xylene, and Ethylbenzene

Overall Disposition: Pass  
Performed By: Anil Rokaya  
Reviewed By: Tessa Crook

## Instrument Analysis Report

### Mycotoxins

Method: Mycotoxin

Sample Name: Watermelon Zkittlez

APRC Lot Number: WAP260116A

| Mycotoxin         | Finding (µg/kg) | Limit(µg/kg) | Pass/Fail |
|-------------------|-----------------|--------------|-----------|
| Aflatoxin B1:     | ND              |              |           |
| Aflatoxin B2:     | ND              |              |           |
| Aflatoxin G1:     | ND              |              |           |
| Aflatoxin G2:     | ND              |              |           |
| Total Aflatoxins: | 0               | 20           | Pass      |
| Ochratoxin A:     | ND              | 20           | Pass      |

Performed by: Anil Rokaya

Reviewed by: Tessa Crook



Mycotoxin testing performed in a non-ISO 17025:2017 accredited facility. Pass/Fail determinations based on Utah Administrative Rule R68-29.



**Approved By:**  
Nicholas Saichek, PhD  
Senior Scientist Mass Spectrometry  
02/13/2026