

## Comprehensive Analysis Report

### Sample Overview

**Client:** Boojum Med, LLC

**Date Received:** 10/06/2023

**Sample Name:** .5g/1g -Bubblegum Kush Vape

**APRC #:** BG231010B

**Sample Matrix:** Vape Oil

**Sample Lot:** PR.231002

| Assay                                        | Disposition | Date Tested |
|----------------------------------------------|-------------|-------------|
| Cannabinoid Testing (Potency)                | Tested      | 10-17-2023  |
| Microbial: Quantitative Bacteria/Yeast/ Mold | Tested      | 10-12-2023  |
| Terpene Quantitation                         | Tested      | 10-10-2023  |



Accreditation #115229

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## Instrument Analysis Report

### Potency

Method: SOP 1-2026.03

Sample Name: .5g/1g -Bubblegum Kush Vape

APRC Lot Number: BG231010B

| Cannabinoid                                               | RT   | Total % | Total mg/g |
|-----------------------------------------------------------|------|---------|------------|
| Cannabidivarinic Acid (CBDVA)                             | ND   | ND      | ND         |
| Cannabidivarin (CBDV)                                     | ND   | ND      | ND         |
| Cannabidiolic Acid (CBDA)                                 | ND   | ND      | ND         |
| Cannabigerolic Acid (CBGA)                                | ND   | ND      | ND         |
| Cannabinol (CBN)                                          | 4.71 | 0.72    | 7.20       |
| Cannabidiol (CBD)                                         | 3.21 | 0.47    | 4.74       |
| Cannabigerol (CBG)                                        | 3.05 | 3.10    | 31.05      |
| Tetrahydrocannabivarin (THCV)                             | 3.49 | 0.43    | 4.31       |
| Tetrahydrocannabivarin Acid (THCVA)                       | ND   | ND      | ND         |
| Delta-9-Tetrahydrocannabinol ( $\Delta^9$ -THC)           | 5.91 | 86.01   | 860.15     |
| Delta-8-Tetrahydrocannabinol ( $\Delta^8$ -THC)           | ND   | ND      | ND         |
| Tetrahydrocannabinolic acid (THCA-A)                      | ND   | ND      | ND         |
| Cannabichromene (CBC)                                     | 7.39 | 0.99    | 9.85       |
| Cannabichromene Acid (CBCA)                               | ND   | ND      | ND         |
| $\Delta^{10}$ and $\Delta^{6a,10a}$ -Tetrahydrocannabinol | ND   | ND      | ND         |

Performed by: Rakesh Satyal

Reviewed by: Sophie Pearson

|                        | %     | mg/g   |
|------------------------|-------|--------|
| Total Cannabinoids     | 91.73 | 917.30 |
| Total THC <sup>t</sup> | 86.01 | 860.15 |
| Total CBD <sup>s</sup> | 0.47  | 4.74   |

<sup>t</sup>Total Thc is calculated by  $\Delta^9$ -THC + (THCA-A\*0.877)

<sup>s</sup>Total CBD is calculated by CBD + (CBDA\*0.877)

LOD > 0.005% by mass, LOQ > 0.01% by mass

## Instrument Analysis Report

### Microbial Impurities

Method: SOP 1-2034.01

Sample Name: .5g/1g -Bubblegum Kush Vape

APRC Lot Number: BG231010B

| 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               | Not Tested   | Not Tested     | Not Tested   |
| Aspergillus fumigatus            | Not Tested   | Not Tested     | Not Tested   |
| Aspergillus niger                | Not Tested   | Not Tested     | Not Tested   |
| Aspergillus terreus              | Not Tested   | Not Tested     | Not Tested   |
| E. coli                          | Not Detected | Report only    | Tested       |
| STEC                             | Not Detected | Not Detected   | Pass         |
| Salmonella - Specific Gene       | Not Detected | Report Only    | Tested       |
| Staphylococcus aureus            | Not Detected | Not Detected   | Pass         |
| Pseudomonas aeruginosa           | Not Detected | Not Detected   | Pass         |

Performed by: Jordan Morley

Notes: Foreign Matter: Not Detected.

Reviewed by: Riley Hunter

## Instrument Analysis Report

### Terpenes

Method: SOP 1-2029.03

Sample Name: .5g/1g -Bubblegum Kush Vape

APRC Lot Number: BG231010B

| Analyte                 | Total % (w/w) | Total (mg/g) |
|-------------------------|---------------|--------------|
| $\alpha$ -Pinene        | 0.051         | 0.509        |
| Camphene                | 0.015         | 0.150        |
| Sabinene                | ND            | ND           |
| $\beta$ -pinene         | 0.107         | 1.075        |
| Myrcene                 | 0.283         | 2.832        |
| alpha-Phellanderene     | ND            | ND           |
| 3-Carene                | ND            | ND           |
| Terpinene               | ND            | ND           |
| m-Cymene                | ND            | ND           |
| p-Cymene                | 0.002         | 0.022        |
| Limonene                | 0.526         | 5.262        |
| cis- $\beta$ -Ocimene   | ND            | ND           |
| Eucalyptol              | 0.008         | 0.077        |
| ortho-Cymene            | ND            | ND           |
| trans- $\beta$ -Ocimene | ND            | ND           |
| $\gamma$ -Terpinene     | ND            | ND           |
| Sabinine Hydrate        | ND            | ND           |
| terpinolene             | ND            | ND           |
| Linalool                | 0.260         | 2.596        |
| Fenchyl Alcohol         | 0.085         | 0.854        |
| Isopulegol              | ND            | ND           |
| Isoborneol              | 0.031         | 0.314        |
| Borneol                 | ND            | ND           |

| Analyte                                   | Total % (w/w) | Total (mg/g) |
|-------------------------------------------|---------------|--------------|
| Menthol                                   | ND            | ND           |
| Terpinen-4-ol                             | ND            | ND           |
| alpha-Terpineol                           | 0.063         | 0.630        |
| Nerol                                     | ND            | ND           |
| Citronellol                               | ND            | ND           |
| Geraniol                                  | ND            | ND           |
| Thymol                                    | ND            | ND           |
| Carvacrol                                 | ND            | ND           |
| (-)-alpha-Cedrene                         | ND            | ND           |
| beta-Caryophyllene                        | 0.385         | 3.847        |
| beta-Cedrene                              | ND            | ND           |
| trans-beta-Farnesene                      | ND            | ND           |
| Humulene                                  | 0.121         | 1.213        |
| Valencene                                 | 0.015         | 0.147        |
| cis-Nerolidol                             | ND            | ND           |
| trans-Nerolidol                           | 0.011         | 0.105        |
| Squalene                                  | ND            | ND           |
| Guaiol                                    | ND            | ND           |
| Cedrol                                    | ND            | ND           |
| $\alpha$ -Bisabolol                       | 0.054         | 0.539        |
| Farneseol                                 | 0.015         | 0.152        |
| Phytane (2,6,10,14-Tetramethylhexadecane) | ND            | ND           |
| Total                                     | 2.032         | 20.322       |

Performed by: Anil Rokaya

Reviewed by: Riley Hunter

*Will Deutschman*

**Approved By:**

William A. Deutschman, Ph.D.  
Laboratory Director - APRC Lehi  
10/19/2023