

# CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**  
 Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC  
 Product Name: Raw Oil for 150mg Strawberry Gelato Vape  
 LOT ID: K2218-J8  
 Batch ID: CONO18-8  
 Date: 11/22/2018

# RAD2

Consultants & Innovation, LLC

| Specification         | Limit               | Result      |
|-----------------------|---------------------|-------------|
| Flavor                | Characteristic      | Hemp Flavor |
| Color/Appearance      | See Standard/visual | Dark Amber  |
| Microbial USP - Yeast | <10 CFU/gram        | PASS        |
| Microbial USP - Mold  | <10 CFU/gram        | PASS        |

| Potency       | Wt (%)       | (mg/g)       |
|---------------|--------------|--------------|
| THC (LC/MS)   | <0.001 ppm   | Not Detected |
| CBD (LC/MS)   | 86.92%       | 869.21       |
| CBD-A (LC/MS) | <0.03%       | <0.30        |
| CBC (LC/MS)   | <0.03%       | <0.30        |
| CBN (LC/MS)   | <0.03%       | <0.30        |
| CBG (LC/MS)   | <0.03%       | <0.30        |
| THC-A (LC/MS) | Not Detected | Not Detected |

| Residual Solvents | Compliant:        |
|-------------------|-------------------|
| Propane           | PASS w/ USP <467> |
| Isobutane         | PASS w/ USP <467> |
| Butane            | PASS w/ USP <467> |
| Ethanol           | PASS w/ USP <467> |
| Pentane           | PASS w/ USP <467> |
| Isopropanol       | PASS w/ USP <467> |
| Hexane            | PASS w/ USP <467> |
| Acetone           | PASS w/ USP <467> |

| Terpene:               | Wt. (%) | Terpene:                        | Wt. (%) |
|------------------------|---------|---------------------------------|---------|
| $\beta$ -Bisabolene    | 1.0-3.0 | Camphene                        | 0.1-0.2 |
| $\beta$ -Farnesene     | 1.0-2.0 | E-Farnesene                     | 0.1-0.2 |
| Guaiol                 | 0.5-2.0 | Farnesol                        | 0.1-0.2 |
| $\beta$ -Maaliene      | 0.5-2.0 | $\alpha$ -Bisabolol             | <0.1    |
| Calarene               | 0.5-1.5 | P-Cymene                        | <0.1    |
| $\beta$ -Caryophyllene | 0.1-1.0 | Linalool                        | <0.1    |
| $\alpha$ -Humulene     | 0.1-1.0 | Myrcene                         | <0.1    |
| Cadinene               | 0.1-1.0 | Phytol                          | <0.1    |
| $\alpha$ -Gurjunene    | 0.1-0.5 | Isopulegol                      | <0.1    |
| d-Limonene             | 0.1-0.5 | Terpiene                        | <0.1    |
| Nerolidol              | 0.1-0.5 | Geraniol                        | <0.1    |
| $\alpha$ -Pinene       | 0.1-0.5 | $\gamma$ -Terpinene             | <0.1    |
| Aristolene             | 0.1-0.3 | $\delta$ -3-Carene <sup>1</sup> | <0.1    |
| Eucalyptol             | 0.1-0.2 |                                 |         |

| Pesticides:  | Wt. (%) | Pesticides:   | Wt. (%) |
|--------------|---------|---------------|---------|
| Acequinocyl  | N.D     | Spinosad      | N.D     |
| Pyrethrium   | N.D     | Spirotetermat | N.D     |
| Spiromesifen | N.D     | Bifenazate    | N.D     |
| Abamectin    | N.D     | Fenoxycarb    | N.D     |
| Imidacloprid | N.D     | Paclitaxel    | N.D     |

Approved By:  
 Deirdre Gormley, Ph.D.

*Deirdre Gormley* 21 Dec 2018  
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 Date