



**Genesis Testing Labs**  
 1620 South Main St, Unit A  
 Grove, OK 74344  
 (918)791-3460  
 OMMA # LAAA-EKZ6-UNEB

# Certificate of Analysis

**Sample ID** SA-031021-6450  
**Strain** Puddin B

**Sample Type** Flower  
**Sample Batch #** Hv10R2

| Summary of Results      |             |                        |          |
|-------------------------|-------------|------------------------|----------|
| Potency Profile         |             | Terpene Profile        |          |
| Cannabinoid             | Result mg/g | Terpene                | Result % |
| CBDV                    | -           | Camphene               | -        |
| CBDA                    | 0.638241    | Myrcene                | 0.753234 |
| CBN                     | -           | $\beta$ -pinene        | 0.464155 |
| CBD                     | -           | 3-Carene               | -        |
| CBGA                    | 6.12381     | Delta-limonene         | 0.39857  |
| CBG                     | 1.326       | Cymene                 | -        |
| THCV                    | 0.726274    | $\beta$ -Ocimene       | -        |
| $\Delta$ 9-THC          | 11.0317     | Eucalyptol             | -        |
| $\Delta$ 8-THC          | -           | $\gamma$ -Terpinene    | -        |
| THCA                    | 332.182     | $\alpha$ -Terpinene    | -        |
| CBC                     | -           | Terpinolene            | -        |
| <b>Total THC %</b>      | 30.2355%    | Linalool               | 0.297222 |
| <b>Total THC mg/g</b>   | 302.355     | Isopulegol             | -        |
|                         |             | Geraniol               | -        |
|                         |             | $\beta$ -Caryophyllene | 0.171995 |
|                         |             | Humulene               | -        |
|                         |             | Nerolidol              | -        |
|                         |             | Guaiol                 | -        |
|                         |             | Caryophyllene oxide    | -        |
|                         |             | $\alpha$ -Bisabolol    | 0.123907 |
|                         |             | <b>Total Terpene %</b> | 2.20908  |
| Microbiological Profile |             |                        |          |
| All Results             | Pass        |                        |          |
| Mycotoxin Screening     |             |                        |          |
| All Results             | NT          |                        |          |
| Residual Solvents       |             |                        |          |
| All Results             | NT          |                        |          |
| Heavy Metals Screening  |             |                        |          |
| All Results             | Pass        |                        |          |
| Pesticide Screening     |             |                        |          |
| All Results             | Pass        |                        |          |
| Water Activity          |             |                        |          |
| All Results             | Pass        |                        |          |



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## Potency

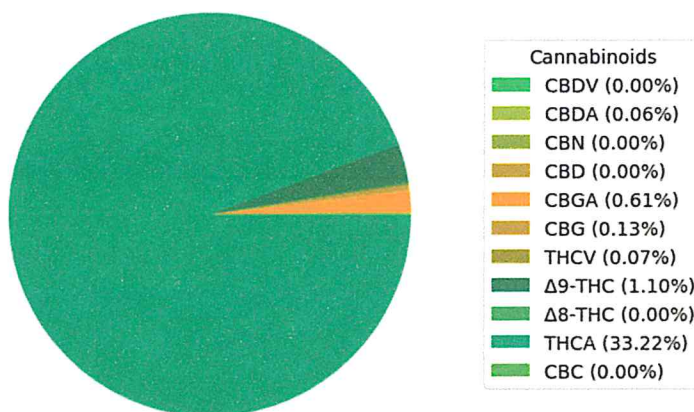
**Date Analyzed:**  
**Instrument:** Agilent 1100 HPLC

**Date Completed:** 03/18/2021  
**Method:** Internal Method 1

**Batch #:** BA-031821-973  
**Lab Tech:** Audrey Krabacher

| Cannabinoid               | Result % | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|---------------------------|----------|---------------|------------|------------|
| CBDV                      | ND       | ND            | -          | 1.000      |
| CBDA                      | 0.0638   | 0.6382        | -          | 1.000      |
| CBN                       | ND       | ND            | -          | 1.000      |
| CBD                       | ND       | ND            | -          | 1.000      |
| CBGA                      | 0.6124   | 6.1238        | -          | 1.000      |
| CBG                       | 0.1326   | 1.326         | -          | 1.000      |
| THCV                      | 0.0726   | 0.7263        | -          | 1.000      |
| Δ9-THC                    | 1.1032   | 11.0317       | -          | 1.000      |
| Δ8-THC                    | ND       | ND            | -          | 1.000      |
| THCA                      | 33.2182  | 332.182       | -          | 1.000      |
| CBC                       | ND       | ND            | -          | 0.885      |
| <b>% Moisture</b>         | 9.9      |               |            |            |
| <b>Total Cannabinoids</b> | 35.2028  | 352.028       |            |            |
| <b>Total CBD</b>          | 0.0560   | 0.5597        |            |            |
| <b>Total THC</b>          | 30.2355  | 302.355       |            |            |

Cannabinoid Distribution (%)





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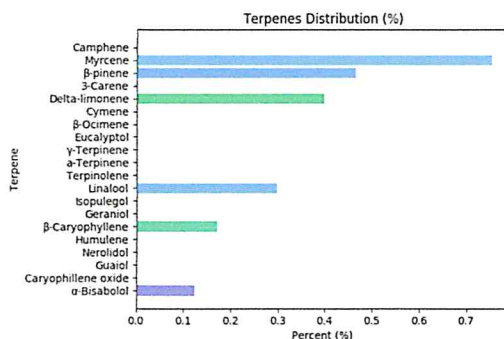
## Terpenoid

**Date Analyzed:**  
**Instrument:** Terpenes by Direct Injection

**Date Completed:** 03/18/2021  
**Method:** Internal Method 1

**Batch #:** BA-031521-968  
**Lab Tech:** John Boyle

| Terpene                    | Result (mg/g)  | Result (%)    | LOD (ug/g) | LOQ (ug/g)  |
|----------------------------|----------------|---------------|------------|-------------|
| Camphene                   | ND             | ND            | -          | 0.000004600 |
| Myrcene                    | 7.5323         | 0.7532        | -          | 0.000004600 |
| $\beta$ -pinene            | 4.6415         | 0.4642        | -          | 0.000004600 |
| 3-Carene                   | ND             | ND            | -          | 0.000004600 |
| Delta-limonene             | 3.9857         | 0.3986        | -          | 0.000004600 |
| Cymene                     | ND             | ND            | -          | 0.000004600 |
| $\beta$ -Ocimene           | ND             | ND            | -          | 0.000004600 |
| Eucalyptol                 | ND             | ND            | -          | 0.000004600 |
| $\gamma$ -Terpinene        | ND             | ND            | -          | 0.000004600 |
| $\alpha$ -Terpinene        | ND             | ND            | -          | 0.000004600 |
| Terpinolene                | ND             | ND            | -          | 0.000004600 |
| Linalool                   | 2.9722         | 0.2972        | -          | 0.000004600 |
| Isopulegol                 | ND             | ND            | -          | 0.000004600 |
| Geraniol                   | ND             | ND            | -          | 0.000004600 |
| $\beta$ -Caryophyllene     | 1.7200         | 0.1720        | -          | 0.000004600 |
| Humulene                   | ND             | ND            | -          | 0.000004600 |
| Nerolidol                  | ND             | ND            | -          | 0.000004600 |
| Guaiol                     | ND             | ND            | -          | 0.000004600 |
| Caryophyllene oxide        | ND             | ND            | -          | 0.000004600 |
| $\alpha$ -Bisabolol        | 1.2391         | 0.1239        | -          | 0.000004600 |
| <b>Total Terpenes (%):</b> | <b>22.0908</b> | <b>2.2091</b> |            |             |







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### Foreign Materials

**PASS**

**Date Analyzed:**  
**Instrument:** Microscope

**Date Completed:** 03/18/2021  
**Method:** Internal Method 1

**Lab Tech:** Audrey Krabacher

| Analyte                        | Result (%) | Threshold (%) | Pass/Fail |
|--------------------------------|------------|---------------|-----------|
| Sand, Soils, Cinders, and Dirt | ND         | 25            | Pass      |
| Imbedded Foreign Material      | ND         | 25            | Pass      |
| Insect Fragment                | ND         | 1             | Pass      |
| Hair                           | ND         | 1             | Pass      |
| Mammalian Excreta              | ND         | 1             | Pass      |

### Heavy Metals

**PASS**

**Date Analyzed:**  
**Instrument:** HPLC-ICP/MS QQQ (Agilent 1260 and 7900)

**Date Completed:** 03/18/2021  
**Method:** Internal Method 1

**Lab Tech:** John Boyle

| Analyte | Result (ppm) | LOD (ppm) | LOQ (ppm) | Threshold (ppm) | Pass/Fail |
|---------|--------------|-----------|-----------|-----------------|-----------|
| Cadmium | ND           | 0.50      | -         | 0.4             | Pass      |
| Lead    | ND           | 0.50      | -         | 1.0             | Pass      |
| Arsenic | ND           | 0.50      | -         | 0.4             | Pass      |
| Mercury | ND           | 0.50      | -         | 0.2             | Pass      |

### Microbial Analysis

**PASS**

**Date Analyzed:**  
**Instrument:** Binder Incubator and Hardy Wizard Reader

**Date Completed:** 03/18/2021  
**Method:** Hardy Compact Dry

**Lab Tech:** Ethanée Gillum

| Bacteria/Fungus            | Result (CFU/g) | LOD (CFU/g) | LOQ (CFU/g) | Threshold (CFU/g) | Pass/Fail |
|----------------------------|----------------|-------------|-------------|-------------------|-----------|
| Escherichia Coli (E. Coli) | ND             | 1.00        | 1.00        | 1                 | Pass      |
| Yeast/Mold                 | ND             | 1.00        | 1.00        | 10,000            | Pass      |
| Salmonella spp             | ND             | 1.00        | 1.00        | 1                 | Pass      |
| Aspergillus fumigatus      | ND             | 1.00        |             | 1                 | Pass      |
| Aspergillus terreus        | ND             | 1.00        |             | 1                 | Pass      |
| Aspergillus flavus         | ND             | 1.00        |             | 1                 | Pass      |
| Total Plate Count          | ND             | 10000.0     |             | 10000             | Pass      |



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### Pesticide Profile

**PASS**

**Date Analyzed:**  
**Instrument:** Agilent LC/MS QQQ

**Date Completed:** 03/18/2021  
**Method:** Internal Method 1

**Lab Tech:** John Boyle

| Pesticide     | Result (ppm) | LOQ (ppm) | Threshold (ppm) | Pass/Fail |
|---------------|--------------|-----------|-----------------|-----------|
| Abamectin     | ND           | 0.1       | 0.5             | Pass      |
| Azoxystrobin  | ND           | 0.1       | 0.2             | Pass      |
| Bifenazate    | ND           | 0.1       | 0.2             | Pass      |
| Etoxazole     | ND           | 0.1       | 0.2             | Pass      |
| Imazalil      | ND           | 0.1       | 0.2             | Pass      |
| Imidacloprid  | ND           | 0.1       | 0.4             | Pass      |
| Malathion     | ND           | 0.1       | 0.2             | Pass      |
| Myclobutanil  | ND           | 0.1       | 0.2             | Pass      |
| Permethrin    | ND           | 0.1       | 0.2             | Pass      |
| Spinosad      | ND           | 0.1       | 0.2             | Pass      |
| Spiromesifen  | ND           | 0.1       | 0.2             | Pass      |
| Spirotetramat | ND           | 0.1       | 0.2             | Pass      |
| Tebuconazole  | ND           | 0.1       | 0.4             | Pass      |

### Water Activity

**PASS**

**Date Analyzed:**  
**Instrument:** Meter TDL Water Activity

**Date Completed:** 03/18/2021  
**Method:** Meter Method 001

**Lab Tech:** Audrey Krabacher

| Analyte        | Finding | Limit | Status |
|----------------|---------|-------|--------|
| Water Activity | 0.632   | 0.65  | Tested |

*Anthony Brixey*

*James Rhudy*

**Reviewed By:** Anthony Brixey  
03/18/2021

**Approved By:** James Rhudy  
03/18/2021