

## Flower Co. - Live Resin Badder - 1g - Pine Tar

METRC Batch: 1A406030000B7A0000657322  
METRC Sample: 1A406030000B7A0000706799  
Sample ID: 2406ENC5973\_7148  
Strain: Pine Tar  
Matrix: Concentrates & Extracts  
Type: Batter/Badder  
Batch#: 061224FCBPT

Collected: 06/20/2024  
Received: 06/21/2024  
Completed: 06/25/2024  
Sample Size: 8 units; Batch: 544 units

Distributor  
Flower Company

Lic. # C12-0000273-LIC  
5560 West End Rd.,  
Arcata, CA, 95521

Producer  
Prussian Sticks LLC

Lic. # C12-0000273-LIC  
5560 West End Rd.  
Arcata, CA 95521



### Summary

| Test                 | Date Tested | Instr. Method     | Result   |
|----------------------|-------------|-------------------|----------|
| Batch                |             |                   | Pass     |
| Cannabinoids         | 06/24/2024  | LC-DAD            | Pass     |
| Terpenes             | 06/24/2024  | GC-MS             | Complete |
| Pesticides           | 06/24/2024  | LC-MS             | Pass     |
| Mycotoxins           | 06/24/2024  | LC-MS             | Pass     |
| Residual Solvents    | 06/24/2024  | HS-GC-MS          | Pass     |
| Microbial Impurities | 06/25/2024  | qPCR              | Pass     |
| Heavy Metals         | 06/25/2024  | ICP-MS            | Pass     |
| Foreign Matter       | 06/24/2024  | Visual Inspection | Pass     |

### Cannabinoids

Method: SOP EL-CANNABINOIDS

**73.385 %**

Total THC

**0.178 %**

Total CBD

**78.136 %**

Total Cannabinoids

| Analytes                   | LOD   | LOQ   | Result        | Result        | Result        |
|----------------------------|-------|-------|---------------|---------------|---------------|
|                            | mg/g  | mg/g  | %             | mg/g          | mg/unit       |
| THCa                       | 0.251 | 0.760 | 78.054        | 780.54        | 780.54        |
| Δ9-THC                     | 0.268 | 0.813 | 4.931         | 49.31         | 49.31         |
| Δ8-THC                     | 0.297 | 0.899 | ND            | ND            | ND            |
| THCVa                      | 0.289 | 0.876 | 1.286         | 12.86         | 12.86         |
| THCV                       | 0.299 | 0.906 | ND            | ND            | ND            |
| CBDa                       | 0.263 | 0.797 | 0.203         | 2.03          | 2.03          |
| CBD                        | 0.253 | 0.768 | ND            | ND            | ND            |
| CBN                        | 0.239 | 0.723 | ND            | ND            | ND            |
| CBGa                       | 0.285 | 0.865 | 2.174         | 21.74         | 21.74         |
| CBG                        | 0.263 | 0.798 | 0.247         | 2.47          | 2.47          |
| CBCa                       | 0.233 | 0.705 | 1.473         | 14.73         | 14.73         |
| CBC                        | 0.273 | 0.828 | ND            | ND            | ND            |
| <b>Total THC</b>           |       |       | <b>73.385</b> | <b>733.85</b> | <b>733.85</b> |
| <b>Total CBD</b>           |       |       | <b>0.178</b>  | <b>1.78</b>   | <b>1.78</b>   |
| <b>Total Cannabinoids</b>  |       |       | <b>78.136</b> | <b>781.36</b> | <b>781.36</b> |
| <b>Sum of Cannabinoids</b> |       |       | <b>88.369</b> | <b>883.69</b> | <b>883.69</b> |

1 Unit = 1g;

Total THC = THCa \* 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms \* 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



*Mary Beth Smith*  
Mary Beth Smith  
Compliance Manager | 06/25/2024



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### Terpenes






Method: EL-TERPENES

| Analytes            | LOD   | LOQ   | Result       | Result       |
|---------------------|-------|-------|--------------|--------------|
|                     | mg/g  | mg/g  | %            | mg/g         |
| β-Caryophyllene     | 0.101 | 0.398 | 2.006        | 20.06        |
| δ-Limonene          | 0.048 | 0.398 | 0.635        | 6.35         |
| α-Humulene          | 0.039 | 0.398 | 0.600        | 6.00         |
| α-Bisabolol         | 0.120 | 0.398 | 0.415        | 4.15         |
| β-Myrcene           | 0.093 | 0.398 | 0.232        | 2.32         |
| Linalool            | 0.062 | 0.398 | 0.188        | 1.88         |
| Fenchol             | 0.055 | 0.398 | 0.166        | 1.66         |
| α-Pinene            | 0.058 | 0.398 | 0.087        | 0.87         |
| β-Pinene            | 0.054 | 0.398 | 0.046        | 0.46         |
| Caryophyllene Oxide | 0.119 | 0.398 | <LOQ         | <LOQ         |
| Borneol             | 0.088 | 0.398 | <LOQ         | <LOQ         |
| Camphene            | 0.034 | 0.398 | <LOQ         | <LOQ         |
| Terpinolene         | 0.086 | 0.398 | <LOQ         | <LOQ         |
| p-Cymene            | 0.037 | 0.398 | <LOQ         | <LOQ         |
| Fenchone            | 0.063 | 0.398 | <LOQ         | <LOQ         |
| α-Phellandrene      | 0.069 | 0.398 | ND           | ND           |
| δ-3-Carene          | 0.047 | 0.398 | ND           | ND           |
| α-Terpinene         | 0.071 | 0.398 | ND           | ND           |
| Eucalyptol          | 0.066 | 0.398 | ND           | ND           |
| γ-Terpinene         | 0.071 | 0.398 | ND           | ND           |
| Camphor             | 0.071 | 0.596 | ND           | ND           |
| Valencene           | 0.103 | 0.398 | ND           | ND           |
| cis-Nerolidol       | 0.100 | 0.398 | ND           | ND           |
| trans-Nerolidol     | 0.129 | 0.398 | ND           | ND           |
| Guaiol              | 0.117 | 0.398 | ND           | ND           |
| Sabinene            | 0.039 | 0.398 | ND           | ND           |
| Sabinene Hydrate    | 0.075 | 0.398 | ND           | ND           |
| Isopulegol          | 0.122 | 0.795 | ND           | ND           |
| Isoborneol          | 0.034 | 0.398 | ND           | ND           |
| Menthol             | 0.122 | 0.398 | ND           | ND           |
| Nerol               | 0.083 | 1.988 | ND           | ND           |
| Pulegone            | 0.082 | 0.398 | ND           | ND           |
| Geraniol            | 0.114 | 1.988 | ND           | ND           |
| α-Cedrene           | 0.071 | 0.398 | ND           | ND           |
| Cedrol              | 0.068 | 0.398 | ND           | ND           |
| <b>Total</b>        |       |       | <b>4.375</b> | <b>43.75</b> |

Date Tested: 06/24/2024

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### Primary Aromas

|                                                                                              |                                                                                                |                                                                                             |                                                                                                    |                                                                                                |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <br>Clove | <br>Citrusy | <br>Hops | <br>Chamomile | <br>Musky |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|



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**Pesticides**

Method: EL-PESTMYCOLCMS

| Analytes            | LOD   | LOQ  | Limit | Result | Status | Analytes           | LOD   | LOQ   | Limit | Result | Status |
|---------------------|-------|------|-------|--------|--------|--------------------|-------|-------|-------|--------|--------|
|                     | µg/g  | µg/g | µg/g  | µg/g   |        |                    | µg/g  | µg/g  | µg/g  | µg/g   |        |
| Abamectin           | 0.005 | 0.02 | 0.10  | ND     | Pass   | Fludioxonil        | 0.01  | 0.05  | 0.10  | ND     | Pass   |
| Acephate            | 0.002 | 0.01 | 0.10  | ND     | Pass   | Hexythiazox        | 0.005 | 0.02  | 0.10  | ND     | Pass   |
| Acequinocyl         | 0.01  | 0.02 | 0.10  | ND     | Pass   | Imazalil           | 0.05  | 0.1   | 0.05  | ND     | Pass   |
| Acetamiprid         | 0.005 | 0.02 | 0.10  | ND     | Pass   | Imidacloprid       | 0.005 | 0.02  | 5.00  | ND     | Pass   |
| Aldicarb            | 0.05  | 0.1  | 0.05  | ND     | Pass   | Kresoxim Methyl    | 0.005 | 0.02  | 0.10  | ND     | Pass   |
| Azoxystrobin        | 0.005 | 0.02 | 0.10  | ND     | Pass   | Malathion          | 0.02  | 0.05  | 0.50  | ND     | Pass   |
| Bifenazate          | 0.005 | 0.01 | 0.10  | ND     | Pass   | Metalaxyl          | 0.002 | 0.005 | 2.00  | ND     | Pass   |
| Bifenthrin          | 0.02  | 0.05 | 3.00  | ND     | Pass   | Methiocarb         | 0.05  | 0.1   | 0.05  | ND     | Pass   |
| Boscalid            | 0.02  | 0.05 | 0.10  | ND     | Pass   | Methomyl           | 0.01  | 0.02  | 1.00  | ND     | Pass   |
| Captan              | 0.2   | 0.3  | 0.70  | ND     | Pass   | Parathion Methyl   | 0.02  | 0.05  | 0.02  | ND     | Pass   |
| Carbaryl            | 0.02  | 0.05 | 0.50  | ND     | Pass   | Mevinphos          | 0.02  | 0.05  | 0.02  | ND     | Pass   |
| Carbofuran          | 0.05  | 0.1  | 0.05  | ND     | Pass   | Myclobutanil       | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Chlorantraniliprole | 0.002 | 0.01 | 10.00 | ND     | Pass   | Naled              | 0.01  | 0.02  | 0.10  | ND     | Pass   |
| Chlordane           | 0.05  | 0.1  | 0.05  | ND     | Pass   | Oxamyl             | 0.005 | 0.01  | 0.50  | ND     | Pass   |
| Chlorfenapyr        | 0.05  | 0.1  | 0.05  | ND     | Pass   | Paclobutrazol      | 0.05  | 0.1   | 0.05  | ND     | Pass   |
| Chlorpyrifos        | 0.05  | 0.1  | 0.05  | ND     | Pass   | PCNB               | 0.02  | 0.05  | 0.10  | ND     | Pass   |
| Clofentezine        | 0.01  | 0.02 | 0.10  | ND     | Pass   | Permethrin         | 0.02  | 0.05  | 0.50  | ND     | Pass   |
| Coumaphos           | 0.02  | 0.05 | 0.02  | ND     | Pass   | Phosmet            | 0.01  | 0.02  | 0.10  | ND     | Pass   |
| Cyfluthrin          | 0.05  | 0.1  | 2.00  | ND     | Pass   | Piperonyl Butoxide | 0.02  | 0.05  | 3.00  | ND     | Pass   |
| Cypermethrin        | 0.1   | 0.2  | 1.00  | ND     | Pass   | Prallethrin        | 0.005 | 0.02  | 0.10  | ND     | Pass   |
| Daminozide          | 0.02  | 0.05 | 0.02  | ND     | Pass   | Propiconazole      | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Diazinon            | 0.002 | 0.01 | 0.10  | ND     | Pass   | Propoxure          | 0.05  | 0.1   | 0.05  | ND     | Pass   |
| Dichlorvos          | 0.02  | 0.05 | 0.02  | ND     | Pass   | Pyrethrins         | 0.02  | 0.05  | 0.50  | ND     | Pass   |
| Dimethoate          | 0.02  | 0.05 | 0.02  | ND     | Pass   | Pyridaben          | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Dimethomorph        | 0.005 | 0.02 | 2.00  | ND     | Pass   | Spinetoram         | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Ethoprophos         | 0.05  | 0.1  | 0.05  | ND     | Pass   | Spinosad           | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Etofenprox          | 0.05  | 0.1  | 0.05  | ND     | Pass   | Spiromesifen       | 0.01  | 0.02  | 0.10  | ND     | Pass   |
| Etoxazole           | 0.005 | 0.02 | 0.10  | ND     | Pass   | Spirotetramat      | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Fenhexamid          | 0.005 | 0.02 | 0.10  | ND     | Pass   | Spiroxamine        | 0.05  | 0.1   | 0.05  | ND     | Pass   |
| Fenoxycarb          | 0.05  | 0.1  | 0.05  | ND     | Pass   | Tebuconazole       | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Fenpyroximate       | 0.005 | 0.02 | 0.10  | ND     | Pass   | Thiacloprid        | 0.02  | 0.05  | 0.02  | ND     | Pass   |
| Fipronil            | 0.05  | 0.1  | 0.05  | ND     | Pass   | Thiamethoxam       | 0.005 | 0.01  | 5.00  | ND     | Pass   |
| Flonicamid          | 0.01  | 0.02 | 0.10  | ND     | Pass   | Trifloxystrobin    | 0.005 | 0.01  | 0.10  | ND     | Pass   |

Date Tested: 06/24/2024

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**Mycotoxins**

Method: EL-PESTMYCOLCMS

| Analytes         | LOD   | LOQ   | Limit | Result | Status |
|------------------|-------|-------|-------|--------|--------|
|                  | µg/kg | µg/kg | µg/kg | µg/kg  |        |
| Aflatoxin B1     | 1.00  | 2.00  |       | ND     | Tested |
| Aflatoxin B2     | 1.00  | 2.00  |       | ND     | Tested |
| Aflatoxin G1     | 2.00  | 4.00  |       | ND     | Tested |
| Aflatoxin G2     | 1.00  | 2.00  |       | ND     | Tested |
| Ochratoxin A     | 4.00  | 10.00 | 20.00 | ND     | Pass   |
| Total Aflatoxins |       |       | 20.00 | ND     | Pass   |

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**Residual Solvents**

Method: EL-RES\_SOLVENTS

| Analytes                             | LOD   | LOQ    | Limit | Result | Status |
|--------------------------------------|-------|--------|-------|--------|--------|
|                                      | µg/g  | µg/g   | µg/g  | µg/g   |        |
| Acetone                              | 33.00 | 100.00 | 5000  | ND     | Pass   |
| Acetonitrile                         | 10.00 | 30.00  | 410   | ND     | Pass   |
| Benzene                              | 0.09  | 0.28   | 1     | ND     | Pass   |
| Butane                               | 10.00 | 30.00  | 5000  | 109.34 | Pass   |
| Chloroform                           | 0.10  | 0.29   | 1     | ND     | Pass   |
| Ethanol                              | 10.00 | 30.00  | 5000  | ND     | Pass   |
| Ethyl acetate                        | 10.00 | 30.00  | 5000  | ND     | Pass   |
| Ethyl ether                          | 10.00 | 30.00  | 5000  | ND     | Pass   |
| Ethylene oxide                       | 0.08  | 0.24   | 1     | ND     | Pass   |
| Heptane                              | 10.00 | 30.00  | 5000  | ND     | Pass   |
| Hexane                               | 10.00 | 30.00  | 290   | ND     | Pass   |
| Isopropyl alcohol                    | 10.00 | 30.00  | 5000  | ND     | Pass   |
| Methanol                             | 10.00 | 30.00  | 3000  | ND     | Pass   |
| Methylene chloride                   | 0.10  | 0.31   | 1     | ND     | Pass   |
| 1,2-Dichloroethane                   | 0.10  | 0.29   | 1     | ND     | Pass   |
| Pentane                              | 10.00 | 30.00  | 5000  | ND     | Pass   |
| Propane                              | 10.00 | 30.00  | 5000  | ND     | Pass   |
| Toluene                              | 10.00 | 30.00  | 890   | ND     | Pass   |
| Total xylenes (ortho-, meta-, para-) | 20.00 | 60.00  | 2170  | ND     | Pass   |
| Trichloroethylene                    | 0.10  | 0.29   | 1     | ND     | Pass   |

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**Microbial Impurities**

Method: SOP EL-MICROBIALS

| Analytes                               | Result             | Status |
|----------------------------------------|--------------------|--------|
| Aspergillus flavus                     | Not Detected in 1g | Pass   |
| Aspergillus fumigatus                  | Not Detected in 1g | Pass   |
| Aspergillus niger                      | Not Detected in 1g | Pass   |
| Aspergillus terreus                    | Not Detected in 1g | Pass   |
| Shiga toxin-producing Escherichia coli | Not Detected in 1g | Pass   |
| Salmonella spp                         | Not Detected in 1g | Pass   |

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**Heavy Metals**

Method: SOP EL-HEAVYMETALS

| Analytes | LOD   | LOQ   | Limit | Result | Status |
|----------|-------|-------|-------|--------|--------|
|          | µg/g  | µg/g  | µg/g  | µg/g   |        |
| Arsenic  | 0.012 | 0.036 | 0.200 | <LOQ   | Pass   |
| Cadmium  | 0.015 | 0.044 | 0.200 | ND     | Pass   |
| Lead     | 0.055 | 0.167 | 0.500 | ND     | Pass   |
| Mercury  | 0.005 | 0.015 | 0.100 | ND     | Pass   |

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