

## Flower Co. - Live Resin Sugar - 1g - Sour Peel

METRC Batch: 1A406030000B7A0000707713  
METRC Sample: 1A406030000B7A0000707764  
Sample ID: 2507ENC8461\_5463  
Strain: Sour Peel  
Matrix: Concentrates & Extracts  
Type: Sugar  
Batch#: 0625FCSUGSP

Collected: 07/15/2025  
Received: 07/16/2025  
Completed: 07/18/2025  
Sample Size: 13 units; Batch: 1,564 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         | 07/17/2025  | LC-DAD            | Pass     |
| Terpenes             | 07/17/2025  | GC-MS             | Complete |
| Pesticides           | 07/17/2025  | LC-MS             | Pass     |
| Mycotoxins           | 07/17/2025  | LC-MS             | Pass     |
| Residual Solvents    | 07/17/2025  | HS-GC-MS          | Pass     |
| Microbial Impurities | 07/18/2025  | qPCR              | Pass     |
| Heavy Metals         | 07/18/2025  | ICP-MS            | Pass     |
| Foreign Matter       | 07/17/2025  | Visual Inspection | Pass     |

## Cannabinoids

Method: SOP CA\_M-CANNABINOIDS

**78.484 %**

Total THC

**0.146 %**

Total CBD

**81.306 %**

Total Cannabinoids

| Analytes                   | LOD   | LOQ   | Result        | Result        | Result        |
|----------------------------|-------|-------|---------------|---------------|---------------|
|                            | mg/g  | mg/g  | %             | mg/g          | mg/unit       |
| THCa                       | 0.274 | 0.822 | 79.431        | 794.31        | 794.31        |
| Δ9-THC                     | 0.305 | 0.932 | 8.823         | 88.23         | 88.23         |
| Δ8-THC                     | 0.290 | 0.869 | ND            | ND            | ND            |
| THCVa                      | 0.274 | 0.838 | 0.335         | 3.35          | 3.35          |
| THCV                       | 0.282 | 0.853 | ND            | ND            | ND            |
| CBDa                       | 0.297 | 0.892 | 0.166         | 1.66          | 1.66          |
| CBD                        | 0.305 | 0.932 | ND            | ND            | ND            |
| CBN                        | 0.297 | 0.908 | 0.202         | 2.02          | 2.02          |
| CBGa                       | 0.305 | 0.932 | 1.345         | 13.45         | 13.45         |
| CBG                        | 0.290 | 0.885 | 0.446         | 4.46          | 4.46          |
| CBCa                       | 0.266 | 0.806 | 0.632         | 6.32          | 6.32          |
| CBC                        | 0.297 | 0.892 | ND            | ND            | ND            |
| <b>Total THC</b>           |       |       | <b>78.484</b> | <b>784.84</b> | <b>784.84</b> |
| <b>Total CBD</b>           |       |       | <b>0.146</b>  | <b>1.46</b>   | <b>1.46</b>   |
| <b>Total Cannabinoids</b>  |       |       | <b>81.306</b> | <b>813.06</b> | <b>813.06</b> |
| <b>Sum of Cannabinoids</b> |       |       | <b>91.381</b> | <b>913.81</b> | <b>913.81</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 CA\_M-FOREIGN; Moisture and Water Activity Method: SOP CA\_M-WATER



Jessica Burnham  
QA Supervisor | 07/18/2025



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### Terpenes

Method: SOP CA\_M-TERPENES

| Analytes            | LOD   | LOQ   | Result       | Result       |
|---------------------|-------|-------|--------------|--------------|
|                     | mg/g  | mg/g  | %            | mg/g         |
| β-Caryophyllene     | 0.149 | 0.454 | 0.793        | 7.93         |
| Linalool            | 0.180 | 0.540 | 0.742        | 7.42         |
| δ-Limonene          | 0.094 | 0.274 | 0.532        | 5.32         |
| α-Humulene          | 0.141 | 0.415 | 0.241        | 2.41         |
| β-Myrcene           | 0.164 | 0.493 | 0.231        | 2.31         |
| Fenchol             | 0.117 | 0.344 | 0.211        | 2.11         |
| α-Bisabolol         | 0.235 | 0.712 | 0.129        | 1.29         |
| Caryophyllene Oxide | 0.141 | 0.423 | 0.063        | 0.63         |
| trans-Nerolidol     | 0.227 | 0.681 | <LOQ         | <LOQ         |
| β-Pinene            | 0.133 | 0.399 | 0.046        | 0.46         |
| α-Pinene            | 0.141 | 0.431 | <LOQ         | <LOQ         |
| Borneol             | 0.078 | 0.227 | 0.033        | 0.33         |
| Terpinolene         | 0.078 | 0.235 | 0.024        | 0.24         |
| Camphene            | 0.125 | 0.391 | <LOQ         | <LOQ         |
| trans-β-Ocimene     | 0.102 | 0.297 | <LOQ         | <LOQ         |
| Geraniol            | 0.164 | 0.485 | ND           | ND           |
| Fenchone            | 0.086 | 0.258 | <LOQ         | <LOQ         |
| γ-Terpinene         | 0.086 | 0.258 | ND           | ND           |
| α-Phellandrene      | 0.133 | 0.391 | ND           | ND           |
| δ-3-Carene          | 0.157 | 0.462 | ND           | ND           |
| α-Terpinene         | 0.110 | 0.329 | ND           | ND           |
| p-Cymene            | 0.094 | 0.282 | ND           | ND           |
| Eucalyptol          | 0.063 | 0.196 | ND           | ND           |
| Camphor             | 0.086 | 0.258 | ND           | ND           |
| Valencene           | 0.149 | 0.462 | ND           | ND           |
| cis-Nerolidol       | 0.196 | 0.595 | ND           | ND           |
| Guaiol              | 0.117 | 0.344 | ND           | ND           |
| Sabinene            | 0.094 | 0.297 | ND           | ND           |
| Sabinene Hydrate    | 0.110 | 0.337 | ND           | ND           |
| Isopulegol          | 0.180 | 0.548 | ND           | ND           |
| Isoborneol          | 0.141 | 0.438 | ND           | ND           |
| Menthol             | 0.172 | 0.509 | ND           | ND           |
| Nerol               | 0.141 | 0.423 | ND           | ND           |
| Pulegone            | 0.141 | 0.423 | ND           | ND           |
| Geranyl Acetate     | 0.141 | 0.423 | ND           | ND           |
| α-Cedrene           | 0.133 | 0.407 | ND           | ND           |
| Cedrol              | 0.133 | 0.407 | ND           | ND           |
| <b>Total</b>        |       |       | <b>3.044</b> | <b>30.44</b> |

Date Tested: 07/17/2025

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### Primary Aromas



Clove



Lavender



Citrusy



Hops



Musky



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QA Supervisor | 07/18/2025



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## Pesticides

Method: SOP CA\_M-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           | 0.019  | 0.056  | 0.1    | ND     | Pass   | Fludioxonil        | 0.011  | 0.034  | 0.1    | ND     | Pass   |
| Acephate            | 0.006  | 0.02   | 0.1    | ND     | Pass   | Hexythiazox        | 0.008  | 0.025  | 0.1    | ND     | Pass   |
| Acequinocyl         | 0.0089 | 0.0268 | 0.1    | ND     | Pass   | Imazalil           | 0.021  | 0.064  | 0.021  | ND     | Pass   |
| Acetamiprid         | 0.006  | 0.018  | 0.1    | ND     | Pass   | Imidacloprid       | 0.009  | 0.026  | 5      | ND     | Pass   |
| Aldicarb            | 0.031  | 0.095  | 0.031  | ND     | Pass   | Kresoxim Methyl    | 0.015  | 0.044  | 0.1    | ND     | Pass   |
| Azoxystrobin        | 0.006  | 0.017  | 0.1    | ND     | Pass   | Malathion          | 0.008  | 0.023  | 0.5    | ND     | Pass   |
| Bifenazate          | 0.01   | 0.03   | 0.1    | ND     | Pass   | Metalaxyl          | 0.007  | 0.021  | 2      | ND     | Pass   |
| Bifenthrin          | 0.049  | 0.15   | 3      | ND     | Pass   | Methiocarb         | 0.015  | 0.044  | 0.015  | ND     | Pass   |
| Boscalid            | 0.01   | 0.031  | 0.1    | ND     | Pass   | Methomyl           | 0.017  | 0.051  | 1      | ND     | Pass   |
| Captan              | 0.05   | 0.1516 | 0.7    | ND     | Pass   | Parathion Methyl   | 0.0157 | 0.0477 | 0.0157 | ND     | Pass   |
| Carbaryl            | 0.022  | 0.065  | 0.5    | ND     | Pass   | Mevinphos          | 0.024  | 0.072  | 0.024  | ND     | Pass   |
| Carbofuran          | 0.017  | 0.051  | 0.017  | ND     | Pass   | Myclobutanil       | 0.011  | 0.033  | 0.1    | ND     | Pass   |
| Chlorantraniliprole | 0.011  | 0.034  | 10     | ND     | Pass   | Naled              | 0.026  | 0.078  | 0.1    | ND     | Pass   |
| Chlordane           | 0.0099 | 0.03   | 0.0099 | ND     | Pass   | Oxamyl             | 0.014  | 0.044  | 0.5    | ND     | Pass   |
| Chlorfenapyr        | 0.0316 | 0.0957 | 0.0316 | ND     | Pass   | Paclobutrazol      | 0.033  | 0.099  | 0.033  | ND     | Pass   |
| Chlorpyrifos        | 0.024  | 0.073  | 0.024  | ND     | Pass   | PCNB               | 0.0133 | 0.0403 | 0.1    | ND     | Pass   |
| Clofentezine        | 0.011  | 0.034  | 0.1    | ND     | Pass   | Permethrin         | 0.013  | 0.039  | 0.5    | ND     | Pass   |
| Coumaphos           | 0.028  | 0.084  | 0.028  | ND     | Pass   | Phosmet            | 0.006  | 0.018  | 0.1    | ND     | Pass   |
| Cyfluthrin          | 0.0243 | 0.0736 | 2      | ND     | Pass   | Piperonyl Butoxide | 0.008  | 0.025  | 3      | ND     | Pass   |
| Cypermethrin        | 0.0409 | 0.124  | 1      | ND     | Pass   | Prallethrin        | 0.01   | 0.03   | 0.1    | ND     | Pass   |
| Daminozide          | 0.023  | 0.069  | 0.023  | ND     | Pass   | Propiconazole      | 0.009  | 0.028  | 0.1    | ND     | Pass   |
| Diazinon            | 0.008  | 0.024  | 0.1    | ND     | Pass   | Propoxur           | 0.02   | 0.061  | 0.02   | ND     | Pass   |
| Dichlorvos          | 0.017  | 0.051  | 0.017  | ND     | Pass   | Pyrethrins         | 0.02   | 0.059  | 0.5    | ND     | Pass   |
| Dimethoate          | 0.02   | 0.059  | 0.02   | ND     | Pass   | Pyridaben          | 0.01   | 0.03   | 0.1    | ND     | Pass   |
| Dimethomorph        | 0.01   | 0.03   | 2      | ND     | Pass   | Spinetoram         | 0.012  | 0.037  | 0.1    | ND     | Pass   |
| Ethoprophos         | 0.016  | 0.048  | 0.016  | ND     | Pass   | Spinosad           | 0.01   | 0.032  | 0.1    | ND     | Pass   |
| Etofenprox          | 0.027  | 0.082  | 0.027  | ND     | Pass   | Spiromesifen       | 0.011  | 0.033  | 0.1    | ND     | Pass   |
| Etoazole            | 0.006  | 0.017  | 0.1    | ND     | Pass   | Spirotetramat      | 0.018  | 0.054  | 0.1    | ND     | Pass   |
| Fenhexamid          | 0.013  | 0.04   | 0.1    | ND     | Pass   | Spiroxamine        | 0.01   | 0.03   | 0.01   | ND     | Pass   |
| Fenoxycarb          | 0.012  | 0.037  | 0.012  | ND     | Pass   | Tebuconazole       | 0.014  | 0.042  | 0.1    | ND     | Pass   |
| Fenpyroximate       | 0.003  | 0.01   | 0.1    | ND     | Pass   | Thiacloprid        | 0.01   | 0.031  | 0.01   | ND     | Pass   |
| Fipronil            | 0.021  | 0.063  | 0.021  | ND     | Pass   | Thiamethoxam       | 0.013  | 0.039  | 5      | ND     | Pass   |
| Flonicamid          | 0.017  | 0.051  | 0.1    | ND     | Pass   | Trifloxystrobin    | 0.004  | 0.011  | 0.1    | ND     | Pass   |

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QA Supervisor | 07/18/2025

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### Mycotoxins

Method: SOP CA\_M-PESTMYCOLCMS

| Analytes         | LOD   | LOQ   | Limit | Result | Status |
|------------------|-------|-------|-------|--------|--------|
|                  | µg/kg | µg/kg | µg/kg | µg/kg  |        |
| Aflatoxin B1     | 1.60  | 4.84  |       | ND     | Tested |
| Aflatoxin B2     | 2.17  | 6.57  |       | ND     | Tested |
| Aflatoxin G1     | 1.35  | 4.09  |       | ND     | Tested |
| Aflatoxin G2     | 1.33  | 4.04  |       | ND     | Tested |
| Ochratoxin A     | 2.70  | 8.10  | 20.00 | ND     | Pass   |
| Total Aflatoxins |       |       | 20.00 | ND     | Pass   |

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### Residual Solvents

Method: SOP CA\_M-RES\_SOLVENTS

| Analytes                             | LOD   | LOQ   | Limit | Result | Status |
|--------------------------------------|-------|-------|-------|--------|--------|
|                                      | µg/g  | µg/g  | µg/g  | µg/g   |        |
| Acetone                              | 3.37  | 10.20 | 5000  | <LOQ   | Pass   |
| Acetonitrile                         | 1.80  | 5.45  | 410   | ND     | Pass   |
| Benzene                              | 0.11  | 0.33  | 1     | ND     | Pass   |
| Butane                               | 2.31  | 7.01  | 5000  | 32.26  | Pass   |
| Chloroform                           | 0.21  | 0.65  | 1     | ND     | Pass   |
| Ethanol                              | 2.82  | 8.54  | 5000  | <LOQ   | Pass   |
| Ethyl acetate                        | 2.10  | 6.36  | 5000  | ND     | Pass   |
| Ethyl ether                          | 1.93  | 5.86  | 5000  | ND     | Pass   |
| Ethylene Oxide                       | 0.31  | 0.94  | 1     | ND     | Pass   |
| Heptane                              | 2.18  | 6.61  | 5000  | ND     | Pass   |
| Hexane                               | 2.22  | 6.74  | 290   | ND     | Pass   |
| Isopropyl alcohol                    | 2.19  | 6.64  | 5000  | <LOQ   | Pass   |
| Methanol                             | 2.28  | 6.90  | 3000  | ND     | Pass   |
| Methylene chloride                   | 0.10  | 0.31  | 1     | ND     | Pass   |
| 1,2-Dichloroethane                   | 0.10  | 0.30  | 1     | ND     | Pass   |
| Pentane                              | 2.39  | 7.25  | 5000  | ND     | Pass   |
| Propane                              | 2.33  | 7.05  | 5000  | ND     | Pass   |
| Toluene                              | 0.59  | 1.79  | 890   | ND     | Pass   |
| Total xylenes (ortho-, meta-, para-) | 13.51 | 40.94 | 2170  | ND     | Pass   |
| Trichloroethylene                    | 0.18  | 0.54  | 1     | ND     | Pass   |

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### Microbial Impurities

Method: SOP CA\_M-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 CA\_M-HEAVYMETALS

| Analytes | LOD   | LOQ   | Limit | Result | Status |
|----------|-------|-------|-------|--------|--------|
|          | µg/g  | µg/g  | µg/g  | µg/g   |        |
| Arsenic  | 0.033 | 0.099 | 0.200 | ND     | Pass   |
| Cadmium  | 0.028 | 0.085 | 0.200 | ND     | Pass   |
| Lead     | 0.049 | 0.147 | 0.500 | ND     | Pass   |
| Mercury  | 0.015 | 0.045 | 0.100 | ND     | Pass   |

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