



## The Flowery

**Cultivation Facility:** Homestead  
**Processing Facility:** Homestead  
**Batch Date:** 07/22/2025  
**Batch Size:** 5600 g  
**Batch Unit Size:** 3.5 g  
**Units Sampled:** 10  
**Total Amt. Sampled:** 35 g  
**Seed to Sale ID:** 2137779165489234  
**QA Sample ID:** 2950262211411852

2137779165489234



**Laboratory ID:** JG23017-03  
**Sample Matrix:** Whole Flower  
**Admin. Route:** Inhalation  
**Label Claim:** THC: -- mg | CBD: -- mg  
**Cultivar:** Preferred. Znachz  
**Product Name:** PREFERRED GARDENS - CANNABIS FLOWER  
**Description:** 3.5G  
**Sample Date:** 07/23/25  
**Received:** 07/23/25 15:07  
**Completed:** 07/25/25 18:31

## POTENCY SUMMARY (As Received)

**Total CBD**  
0.0610% (2.14 mg)

**Total THC**  
26.7% (935 mg)

**Total Cannabinoids**  
31.4% (1,100 mg)

| Analyte     | %      | mg    |
|-------------|--------|-------|
| THCa        | 29.7   | 1,040 |
| CBGa        | 0.884  | 30.9  |
| delta 9-THC | 0.626  | 21.9  |
| CBG         | 0.121  | 4.24  |
| CBDa        | 0.0696 | 2.44  |
| CBC         | <LOQ   | <LOQ  |
| CBD         | <LOQ   | <LOQ  |
| CBDV        | <LOQ   | <LOQ  |
| CBN         | <LOQ   | <LOQ  |
| delta 8-THC | <LOQ   | <LOQ  |
| THCV        | <LOQ   | <LOQ  |

## TERPENES SUMMARY (Top Ten)

**Total Terpenes**  
2.55%

| Analyte            | %      |
|--------------------|--------|
| beta-Caryophyllene | 0.779  |
| d-Limonene         | 0.569  |
| Linalool           | 0.389  |
| alpha-Humulene     | 0.203  |
| trans-Nerolidol    | 0.103  |
| beta-Myrcene       | 0.0991 |
| alpha-Bisabolol    | 0.0826 |
| Fenchyl Alcohol    | 0.0722 |
| beta-Pinene        | 0.0674 |
| alpha-Terpineol    | 0.0602 |

## ANALYSIS SUMMARY

|                          |            |                    |            |                       |                |
|--------------------------|------------|--------------------|------------|-----------------------|----------------|
| <b>Potency</b>           | Completed  | <b>Homogeneity</b> | Not Tested | <b>Terpenes</b>       | Completed      |
| <b>Residual Solvents</b> | Not Tested | <b>% Moisture</b>  | PASS       | <b>Water Activity</b> | PASS           |
| <b>Foreign Matter</b>    | PASS       | <b>Pesticides</b>  | PASS       | <b>Mycotoxins</b>     | PASS           |
| <b>Heavy Metals</b>      | PASS       | <b>Microbials</b>  | PASS       | <b>Label Claim</b>    | Not Applicable |

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LOQ = Limit of Quantification

ND = Non-Detect

RPD = Relative Percent Difference

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

2137779165489234

Sample Matrix: Whole Flower  
 Cultivar: Preferred. Znackz  
 Product Name: PREFERRED GARDENS - CANNABIS FLOWER

Lab ID: JG23017-03  
 Received: 07/23/25 15:07  
 Completed: 07/25/25 18:31

## Potency by HPLC

Batch: B5G2326  
 SOP: MCS-SOP-002

Prep By: 1005  
 Prep On: 7/24/25 09:24

Ana. By: 1005  
 Ana. On: 7/25/25 17:11

Initial (g): 0.2021  
 Final (g): 10

| Analyte ( % ) | Result | Diln | MDL      | PQL     | Analyte ( % ) | Result | Diln | MDL      | PQL     |
|---------------|--------|------|----------|---------|---------------|--------|------|----------|---------|
| Total THC     | 26.7   | 100  | 0.0317   | 0.464   | Total CBD     | 0.0610 | 1    | 0.000485 | 0.00464 |
| delta 8-THC   | ND     | 1    | 0.000158 | 0.00247 | delta 9-THC   | 0.626  | 100  | 0.0168   | 0.247   |
| THCa          | 29.7   | 100  | 0.0168   | 0.247   | THCV          | ND     | 1    | 0.000356 | 0.00247 |
| CBD           | ND     | 1    | 0.000327 | 0.00247 | CBDa          | 0.0696 | 1    | 0.000198 | 0.00247 |
| CBDV          | ND     | 1    | 0.000218 | 0.00247 | CBC           | ND     | 1    | 0.000742 | 0.00247 |
| CBG           | 0.121  | 1    | 0.000158 | 0.00247 | CBGa          | 0.884  | 100  | 0.0158   | 0.247   |
| CBN           | ND     | 1    | 0.000188 | 0.00247 |               |        |      |          |         |

## Terpene Screen by GC/MS

Batch: B5G2339  
 SOP: MCS-SOP-004

Prep By: 1055  
 Prep On: 7/24/25 10:16

Ana. By: 1005  
 Ana. On: 7/24/25 18:05

Initial (g): 0.1017  
 Final (g): 10

| Analyte ( % )       | Result | Diln | MDL     | PQL     | Analyte ( % )            | Result  | Diln | MDL     | PQL     |
|---------------------|--------|------|---------|---------|--------------------------|---------|------|---------|---------|
| alpha-Pinene        | 0.0465 | 1    | 0.00492 | 0.00983 | Camphene                 | 0.0157  | 1    | 0.00492 | 0.00983 |
| beta-Pinene         | 0.0674 | 1    | 0.00492 | 0.00983 | 3-Carene                 | ND      | 1    | 0.00492 | 0.00983 |
| alpha-Terpinene     | ND     | 1    | 0.00492 | 0.00983 | Camphor                  | ND      | 1    | 0.00492 | 0.00983 |
| d-Limonene          | 0.569  | 1    | 0.00492 | 0.00983 | 1,8-Cineole (Eucalyptol) | ND      | 1    | 0.00492 | 0.00983 |
| gamma-Terpinene     | ND     | 1    | 0.00492 | 0.00983 | Terpinolene              | 0.00727 | 1    | 0.00492 | 0.00983 |
| Isopulegol          | ND     | 1    | 0.00492 | 0.00983 | Linalool                 | 0.389   | 1    | 0.00492 | 0.00983 |
| Geraniol            | ND     | 1    | 0.00492 | 0.00983 | beta-Caryophyllene       | 0.779   | 1    | 0.00492 | 0.00983 |
| alpha-Humulene      | 0.203  | 1    | 0.00492 | 0.00983 | cis-Nerolidol            | ND      | 1    | 0.00492 | 0.00983 |
| Caryophyllene oxide | 0.0299 | 1    | 0.00492 | 0.00983 | (+/-)-Fenchone           | ND      | 1    | 0.00492 | 0.00983 |
| (+/-)-Borneol       | 0.0300 | 1    | 0.00492 | 0.00983 | (+)-Pulegone             | ND      | 1    | 0.00492 | 0.00983 |
| Cedrol              | ND     | 1    | 0.00492 | 0.00983 | Geranyl Acetate          | ND      | 1    | 0.00492 | 0.00983 |
| alpha-Bisabolol     | 0.0826 | 1    | 0.00492 | 0.00983 | alpha-Phellandrene       | ND      | 1    | 0.00492 | 0.00983 |
| alpha-Terpineol     | 0.0602 | 1    | 0.00492 | 0.00983 | Nerol                    | ND      | 1    | 0.00492 | 0.00983 |
| Sabinene            | ND     | 1    | 0.00492 | 0.00983 | Valencene                | ND      | 1    | 0.00492 | 0.00983 |
| beta-Myrcene        | 0.0991 | 1    | 0.00492 | 0.00983 | Sabinene Hydrate         | ND      | 1    | 0.00492 | 0.00983 |
| alpha-Cedrene       | ND     | 1    | 0.00492 | 0.00983 | Fenchyl Alcohol          | 0.0722  | 1    | 0.00492 | 0.00983 |
| Guaiol              | ND     | 1    | 0.00492 | 0.00983 | trans-Nerolidol          | 0.103   | 1    | 0.00492 | 0.00983 |
| Isoborneol          | ND     | 1    | 0.00492 | 0.00983 | Ocimene, Total           | ND      | 1    | 0.00492 | 0.00983 |
| gamma-Terpineol     | ND     | 1    | 0.00492 | 0.00983 | Menthol                  | ND      | 1    | 0.00492 | 0.00983 |

## Moisture by Vacuum Desiccation

Batch: B5G2333  
 SOP: MCS-SOP-G02

Prep By: 1048  
 Prep On: 7/24/25 10:24

Ana. By: 1055  
 Ana. On: 7/24/25 14:24

Initial (g): 0.5  
 Final (g): 0.5

| Analyte ( % )    | Result | Diln | Reg. Limit |
|------------------|--------|------|------------|
| Percent Moisture | 12.0   | 1    | 15         |

## Water Activity by REH

Batch: B5G2337  
 SOP: MCS-SOP-G03

Prep By: 1054  
 Prep On: 7/24/25 10:41

Ana. By: 1048  
 Ana. On: 7/24/25 16:00

Initial (g): 0.105  
 Final (g): 0.1

| Analyte ( Aw )         | Result | Diln | Reg. Limit | MDL   | PQL   |
|------------------------|--------|------|------------|-------|-------|
| Activity of Water (Aw) | 0.53   | 1    | 0.65       | 0.040 | 0.040 |

## Foreign Matter

Batch: B5G2325  
 SOP: MCS-SOP-G01

Prep By: 1048  
 Prep On: 7/23/25 16:30

Ana. By: 1048  
 Ana. On: 7/23/25 17:00

Initial (g): 1  
 Final (g): 1

| Analyte ( P/A ) | Result | Diln | Reg. Limit | MDL  | PQL  |
|-----------------|--------|------|------------|------|------|
| Foreign Matter  | Absent | 1    | 1          | 1.00 | 1.00 |



CMTL-0005

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**Richard Dillen**  
 Laboratory Director



Accreditation #102020



2137779165489234

Sample Matrix: Whole Flower  
 Cultivar: Preferred. Znackz  
 Product Name: PREFERRED GARDENS - CANNABIS FLOWER

Lab ID: JG23017-03  
 Received: 07/23/25 15:07  
 Completed: 07/25/25 18:31

## Pesticides by LC-QQQ

Batch: B5G2327  
 SOP: MCS-SOP-001b

Prep By: 1030  
 Prep On: 7/24/25 10:00

Ana. By: 1056  
 Ana. On: 7/25/25 00:38

Initial (g): 1.0029  
 Final (g): 25

| Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL  | PQL  | Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL  | PQL  |
|-----------------------|--------|------|------------|------|------|-----------------------|--------|------|------------|------|------|
| Abamectin, Total      | ND     | 10   | 100        | 10.2 | 56.7 | Acephate              | ND     | 10   | 100        | 7.03 | 28.3 |
| Acequinocyl           | ND     | 10   | 100        | 4.19 | 56.7 | Acetamiprid           | ND     | 10   | 100        | 3.63 | 28.3 |
| Aldicarb              | ND     | 10   | 100        | 10.7 | 28.3 | Azoxystrobin          | ND     | 10   | 100        | 5.21 | 14.2 |
| Bifenazate            | ND     | 10   | 100        | 5.33 | 28.3 | Bifenthrin            | ND     | 10   | 100        | 4.42 | 14.2 |
| Boscalid              | ND     | 10   | 100        | 16.5 | 56.7 | Carbaryl              | ND     | 10   | 500        | 8.84 | 28.3 |
| Carbofuran            | ND     | 10   | 100        | 4.19 | 14.2 | Chlorantraniliprole   | ND     | 10   | 1000       | 9.07 | 142  |
| Chlormequat chloride  | ND     | 10   | 1000       | 3.51 | 56.7 | Chlorpyrifos          | ND     | 10   | 100        | 4.76 | 28.3 |
| Clofentezine          | ND     | 10   | 200        | 5.55 | 28.3 | Coumaphos             | ND     | 10   | 100        | 7.71 | 28.3 |
| Cyfluthrin            | ND     | 10   | 500        | 43.5 | 142  | Cypermethrin          | ND     | 10   | 500        | 10.9 | 142  |
| Daminozide            | ND     | 10   | 100        | 8.84 | 56.7 | Diazinon              | ND     | 10   | 100        | 3.06 | 14.2 |
| Dichlorvos            | ND     | 10   | 100        | 11.3 | 56.7 | Dimethoate            | ND     | 10   | 100        | 1.25 | 14.2 |
| Dimethomorph, Total   | ND     | 10   | 200        | 3.51 | 56.7 | Ethoprophos           | ND     | 10   | 100        | 6.01 | 14.2 |
| Etofenprox            | ND     | 10   | 100        | 4.65 | 28.3 | Etoazole              | ND     | 10   | 100        | 4.19 | 28.3 |
| Fenhexamid            | ND     | 10   | 100        | 5.55 | 56.7 | Fenoxycarb            | ND     | 10   | 100        | 5.10 | 28.3 |
| Fenpyroximate         | ND     | 10   | 100        | 2.49 | 14.2 | Fipronil              | ND     | 10   | 100        | 13.5 | 56.7 |
| Flonicamid            | ND     | 10   | 100        | 4.76 | 28.3 | Fludioxonil           | ND     | 10   | 100        | 9.97 | 56.7 |
| Hexythiazox           | ND     | 10   | 100        | 3.51 | 14.2 | Imazalil              | ND     | 10   | 100        | 6.01 | 56.7 |
| Imidacloprid          | ND     | 10   | 400        | 5.10 | 28.3 | Kresoxim-Methyl       | ND     | 10   | 100        | 5.10 | 28.3 |
| Malathion             | ND     | 10   | 200        | 16.5 | 56.7 | Metalaxyl             | ND     | 10   | 100        | 5.67 | 14.2 |
| Methiocarb            | ND     | 10   | 100        | 10.3 | 28.3 | Methomyl              | ND     | 10   | 100        | 2.27 | 14.2 |
| Mevinphos             | ND     | 10   | 100        | 6.01 | 28.3 | Myclobutanil          | ND     | 10   | 100        | 8.05 | 28.3 |
| Dibrom (Naled)        | ND     | 10   | 250        | 10.9 | 56.7 | Oxamyl                | ND     | 10   | 250        | 2.38 | 14.2 |
| Paclobutrazol         | ND     | 10   | 100        | 8.39 | 28.3 | Permethrin            | ND     | 10   | 100        | 4.53 | 28.3 |
| Phosmet               | ND     | 10   | 100        | 5.10 | 28.3 | Piperonyl butoxide    | ND     | 10   | 3000       | 22.7 | 56.7 |
| Prallethrin           | ND     | 10   | 100        | 6.57 | 28.3 | Propiconazole (Tilt)  | ND     | 10   | 100        | 5.10 | 56.7 |
| Baygon (Propoxur)     | ND     | 10   | 100        | 3.40 | 14.2 | Pyrethrins, Total     | ND     | 10   | 500        | 6.12 | 56.7 |
| Pyridaben             | ND     | 10   | 200        | 1.81 | 14.2 | Spinetoram, Total     | ND     | 10   | 200        | 3.74 | 56.7 |
| Spiromesifen          | ND     | 10   | 100        | 4.08 | 14.2 | Spirotetramat         | ND     | 10   | 100        | 4.99 | 28.3 |
| Spiroxamine           | ND     | 10   | 100        | 2.83 | 14.2 | Tebuconazole          | ND     | 10   | 100        | 4.42 | 28.3 |
| Thiacloprid           | ND     | 10   | 100        | 1.81 | 28.3 | Thiamethoxam          | ND     | 10   | 500        | 2.49 | 28.3 |
| Trifloxystrobin       | ND     | 10   | 100        | 4.65 | 14.2 | Spinosad, Total       | ND     | 10   | 100        | 4.99 | 41.1 |

## Pesticides by GC-QQQ

Batch: B5G2327  
 SOP: MCS-SOP-001a

Prep By: 1030  
 Prep On: 7/24/25 10:00

Ana. By: 1039  
 Ana. On: 7/24/25 17:25

Initial (g): 1.0029  
 Final (g): 25

| Analyte ( ug/kg dry )                | Result | Diln | Reg. Limit | MDL  | PQL  | Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL  | PQL  |
|--------------------------------------|--------|------|------------|------|------|-----------------------|--------|------|------------|------|------|
| Pentachloronitrobenzene (quintozone) | ND     | 5    | 150        | 9.70 | 28.3 | Methyl parathion      | ND     | 5    | 100        | 4.84 | 28.3 |
| Captan                               | ND     | 5    | 700        | 14.0 | 28.3 | Chlordane, Total      | ND     | 5    | 100        | 11.0 | 28.3 |
| Chlorfenapyr                         | ND     | 5    | 100        | 12.4 | 28.3 |                       |        |      |            |      |      |

## Mycotoxins by LC-QQQ

Batch: B5G2327  
 SOP: MCS-SOP-001b

Prep By: 1030  
 Prep On: 7/24/25 10:00

Ana. By: 1056  
 Ana. On: 7/24/25 17:36

Initial (g): 1.0029  
 Final (g): 25

| Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL  | PQL  | Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL  | PQL  |
|-----------------------|--------|------|------------|------|------|-----------------------|--------|------|------------|------|------|
| Aflatoxin, Total      | ND     | 10   | 20         | 9.97 | 9.97 | Ochratoxin A          | ND     | 10   | 20         | 2.51 | 9.97 |
| Aflatoxin G2          | ND     | 10   | 20         | 7.45 | 9.97 | Aflatoxin G1          | ND     | 10   | 20         | 3.23 | 9.97 |
| Aflatoxin B2          | ND     | 10   | 20         | 3.87 | 9.97 | Aflatoxin B1          | ND     | 10   | 20         | 2.93 | 9.97 |

**2137779165489234**

Sample Matrix: Whole Flower  
 Cultivar: Preferred. Znackz  
 Product Name: PREFERRED GARDENS - CANNABIS FLOWER

Lab ID: **JG23017-03**  
 Received: 07/23/25 15:07  
 Completed: 07/25/25 18:31

**Total Metals by ICP-MS**

Batch: B5G2331  
 SOP: MCS-SOP-I01

Prep By: 1029  
 Prep On: 7/24/25 09:57

Ana. By: 1005  
 Ana. On: 7/24/25 14:18

Initial (g): 0.2544  
 Final (g): 25

| Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL  | PQL | Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL  | PQL  |
|-----------------------|--------|------|------------|------|-----|-----------------------|--------|------|------------|------|------|
| Arsenic               | ND     | 1    | 200        | 22.3 | 112 | Cadmium               | ND     | 1    | 200        | 22.3 | 112  |
| Lead                  | ND     | 1    | 500        | 55.8 | 279 | Mercury               | ND     | 1    | 200        | 22.3 | 55.8 |

**Microbials by qPCR**

Batch: B5G2306  
 SOP: MCS-SOP-M01

Prep By: 1058  
 Prep On: 7/23/25 16:39

Ana. By: 1058  
 Ana. On: 7/24/25 18:03

Initial (g): 1.0016  
 Final (g): 9

| Analyte ( CFU )    | Result | Diln | Reg. Limit | MDL  | PQL  | Analyte ( CFU )       | Result | Diln | Reg. Limit | MDL  | PQL  |
|--------------------|--------|------|------------|------|------|-----------------------|--------|------|------------|------|------|
| Aspergillus flavus | Absent | 1    | 1          | 1.00 | 1.00 | Aspergillus fumigatus | Absent | 1    | 1          | 1.00 | 1.00 |
| Aspergillus niger  | Absent | 1    | 1          | 1.00 | 1.00 | Aspergillus terreus   | Absent | 1    | 1          | 1.00 | 1.00 |
| Aspergillus Total  | Absent | 1    | 1          | 1.00 | 1.00 | Salmonella            | Absent | 1    | 1          | 1.00 | 1.00 |
| Shiga Toxin E.coli | Absent | 1    | 1          | 1.00 | 1.00 |                       |        |      |            |      |      |

**Quantitative Microbials by qPCR**

Batch: B5G2307  
 SOP: MCS-SOP-M01

Prep By: 1005  
 Prep On: 7/24/25 11:05

Ana. By: 1005  
 Ana. On: 7/24/25 12:36

Initial (g): 1.002  
 Final (g): 20

| Analyte ( CFU ) | Result | Diln | Reg. Limit | MDL  | PQL  |
|-----------------|--------|------|------------|------|------|
| Yeast & Mold    | Absent | 20   | 100000     | 1000 | 1000 |