

Gobi Hemp - Certificate of Analysis



Manifest: 2308090007
Sample ID: 1A-GHEMP-2308090007-0002
Sample Name: HHC
Sample Type: Concentrate

Test Performed: Potency
Report No: P-2308090007-V1
Receive Date: 2023-08-09
Test Date: 2023-08-09
Report Date: 2023-08-10
Sample Condition: Good
Method Reference: GH-OP-06

Scope: The content of 21 cannabinoids was determined by an in-house developed method certified by CDPHE for solvent extraction followed by High Performance Liquid Chromatography with Diode Array Detection.

| | percent | mg/g |
|---------------------|---------|------|
| Total THC | ND | ND |
| Total CBD | ND | ND |
| Total CBG | ND | ND |
| Total Cannabinoids | T | T |
| Total THC:CBD Ratio | NA | |

Total CBD = CBD + (CBDA x 0.877); Total CBG = CBG + (CBGA x 0.877)
 Total THC = Δ⁹ THC + (THCA x 0.877)

| Cannabinoids | percent | mg/g |
|------------------------|---------|------|
| CBDVA | ND | ND |
| CBDV | ND | ND |
| CBDA | ND | ND |
| CBGA | ND | ND |
| CBG | ND | ND |
| CBD | ND | ND |
| Δ ⁹ THCV | ND | ND |
| Δ ⁹ THCVA | ND | ND |
| CBN | T | T |
| CBNA | ND | ND |
| EXO-THC | ND | ND |
| Δ ⁹ THC | ND | ND |
| Δ ⁸ THC | ND | ND |
| Δ ¹⁰ -S THC | ND | ND |
| CBL | ND | ND |
| Δ ¹⁰ -R THC | ND | ND |
| CBC | ND | ND |
| Δ ⁹ THCA | ND | ND |
| CBCA | ND | ND |
| CBLA | ND | ND |
| CBT | ND | ND |

ND - not detected; T - trace; ULOQ - upper limit of quantitation

Lab Comments: HHC-R = 63.28% HHC-S = 30.61%

Kristen Kenworthy, Laboratory Operations Manager

2023-08-10

Date



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 • 3940 Youngfield St. • Wheat Ridge CO 80033 • ISO/IEC 17025:2017 Accredited • (303) 955-4934 •





PINNACLE — ANALYTICS —

Quality Control Results

Analyst: Jeff A.

Analysis Batch: 8-17-2022 H3 0, 48, 276 Flower

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

| | Duplicate RPD | | LCS % Recovery | | Method Blank | |
|---------------|---------------|-------|----------------|---------|--------------|-------|
| | H-0-C509-b | Limit | C-FL-081722 | Limits | C-FB-081722 | Limit |
| CBDA | 0.432% | 10% | 98.0% | 90-110% | <LOQ/2 | LOQ/2 |
| CBD | 1.59% | 10% | 96.3% | 90-110% | <LOQ/2 | LOQ/2 |
| d9-THC | 3.54% | 30% | 96.5% | 90-110% | <LOQ/2 | LOQ/2 |
| d8-THC | <LOQ% | 30% | 99.7% | 90-110% | <LOQ/2 | LOQ/2 |
| THCA | 0.959% | 30% | 100.0% | 90-110% | <LOQ/2 | LOQ/2 |

RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Kris Ford, PhD
Lab Director



PINNACLE ANALYTICS

Potency Results

Sample Name: *CBG White*

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-48-C863

Date Sampled: 11/7/2022

Matrix: Flower

Date Reported: 11/14/2022

Prep Analyst: Jeff A.

Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm

Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

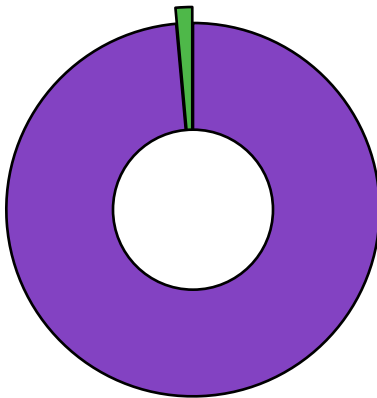
For R&D Purposes Only

Analysis Batch: 11-10-2022 H4 14, 48, 225, 277, 302, 311, 312 Flower

| | |
|--------------------------------------|--------|
| Total THC (THCA*0.877+d9-THC) | 0.175% |
| Total CBD (CBDA*0.877+CBD) | <LOQ% |
| Moisture Content | 11.8% |

| Cannabinoid | % Weight | mg/g |
|---------------------------|-------------|--------------|
| CBDVA | <LOQ | <LOQ |
| CBDV | <LOQ | <LOQ |
| CBDA* | <LOQ | <LOQ |
| CBGA | 13.7 | 137.0 |
| CBG | <LOQ | <LOQ |
| CBD* | <LOQ | <LOQ |
| THCV | <LOQ | <LOQ |
| CBN | <LOQ | <LOQ |
| d9-THC* | <LOQ | <LOQ |
| d8-THC* | <LOQ | <LOQ |
| CBC | <LOQ | <LOQ |
| THCA* | 0.2 | 2.0 |
| Total Cannabinoids | 13.9 | 139.0 |

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured



- CBGA
- THCA*



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Lab Director



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Quality Control Results

Analyst: Jeff A.

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3549 Lear Way, Suite 101
Medford OR 97504

Analysis Batch: 11-10-2022 H4 14, 48, 225, 277, 302, 311, 312 Flower P:(541)300-8217

| | Duplicate RPD | | LCS % Recovery | | Method Blank | |
|---------------|---------------|-------|----------------|---------|--------------|-------|
| | H-0-C852-b | Limit | C-FL-111022 | Limits | C-FB-111022 | Limit |
| CBDA | 1.05% | 10% | 103.0% | 90-110% | <LOQ/2 | LOQ/2 |
| CBD | 2.53% | 30% | 107.0% | 90-110% | <LOQ/2 | LOQ/2 |
| d9-THC | <LOQ% | 30% | 97.4% | 90-110% | <LOQ/2 | LOQ/2 |
| d8-THC | <LOQ% | 30% | 108.0% | 90-110% | <LOQ/2 | LOQ/2 |
| THCA | <LOQ% | 30% | 101.0% | 90-110% | <LOQ/2 | LOQ/2 |

RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Potency Results

Sample Name: *Bubba*

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-48-C861

Date Sampled: 11/7/2022

Matrix: Flower

Date Reported: 11/14/2022

Prep Analyst: Jeff A.

Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm

Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

For R&D Purposes Only

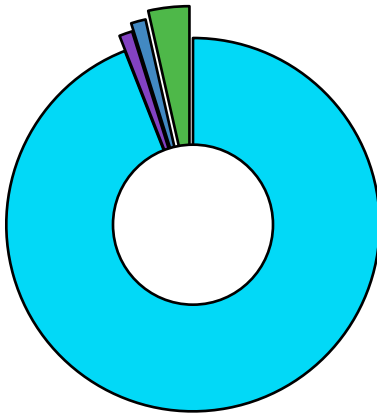
Analysis Batch: 11-10-2022 H4 14, 48, 225, 277, 302, 311, 312 Flower

| | |
|--------------------------------------|--------|
| Total THC (THCA*0.877+d9-THC) | 0.503% |
| Total CBD (CBDA*0.877+CBD) | 13.6% |
| Moisture Content | 19.3% |

| Cannabinoid | % Weight | mg/g |
|---------------------------|----------|-------|
| CBDVA | <LOQ | <LOQ |
| CBDV | <LOQ | <LOQ |
| CBDA* | 15.2 | 152.0 |
| CBGA | 0.184 | 1.84 |
| CBG | <LOQ | <LOQ |
| CBD* | 0.205 | 2.05 |
| THCV | <LOQ | <LOQ |
| CBN | <LOQ | <LOQ |
| d9-THC* | <LOQ | <LOQ |
| d8-THC* | <LOQ | <LOQ |
| CBC | <LOQ | <LOQ |
| THCA* | 0.573 | 5.73 |
| Total Cannabinoids | 16.2 | 162.0 |

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



- CBDA*
- THCA*
- CBGA
- CBD*



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Quality Control Results

Analyst: Jeff A.

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Analysis Batch: 11-10-2022 H4 14, 48, 225, 277, 302, 311, 312 Flower P:(541)300-8217

| | Duplicate RPD | | LCS % Recovery | | Method Blank | |
|---------------|---------------|-------|----------------|---------|--------------|-------|
| | H-0-C852-b | Limit | C-FL-111022 | Limits | C-FB-111022 | Limit |
| CBDA | 1.05% | 10% | 103.0% | 90-110% | <LOQ/2 | LOQ/2 |
| CBD | 2.53% | 30% | 107.0% | 90-110% | <LOQ/2 | LOQ/2 |
| d9-THC | <LOQ% | 30% | 97.4% | 90-110% | <LOQ/2 | LOQ/2 |
| d8-THC | <LOQ% | 30% | 108.0% | 90-110% | <LOQ/2 | LOQ/2 |
| THCA | <LOQ% | 30% | 101.0% | 90-110% | <LOQ/2 | LOQ/2 |

RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Potency Results

Sample Name: *Spec D*

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-48-C867

Date Sampled: 11/7/2022

Matrix: Flower

Date Reported: 11/14/2022

Prep Analyst: Jeff A.

Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm

Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

For R&D Purposes Only

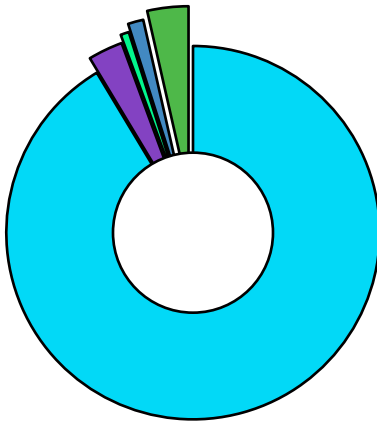
Analysis Batch: 11-10-2022 H4 14, 48, 225, 277, 302, 311, 312 Flower

| | |
|--------------------------------------|--------|
| Total THC (THCA*0.877+d9-THC) | 0.802% |
| Total CBD (CBDA*0.877+CBD) | 20.9% |
| Moisture Content | 11.9% |

| Cannabinoid | % Weight | mg/g |
|---------------------------|-------------|--------------|
| CBDVA | <LOQ | <LOQ |
| CBDV | <LOQ | <LOQ |
| CBDA* | 23.5 | 235.0 |
| CBGA | 0.772 | 7.72 |
| CBG | 0.186 | 1.86 |
| CBD* | 0.343 | 3.43 |
| THCV | <LOQ | <LOQ |
| CBN | <LOQ | <LOQ |
| d9-THC* | <LOQ | <LOQ |
| d8-THC* | <LOQ | <LOQ |
| CBC | <LOQ | <LOQ |
| THCA* | 0.915 | 9.15 |
| Total Cannabinoids | 25.7 | 257.0 |

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



- CBDA*
- CBD*
- CBGA
- THCA*
- CBG



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| | Duplicate RPD | | LCS % Recovery | | Method Blank | |
|---------------|---------------|-------|----------------|---------|--------------|-------|
| | H-0-C852-b | Limit | C-FL-111022 | Limits | C-FB-111022 | Limit |
| CBDA | 1.05% | 10% | 103.0% | 90-110% | <LOQ/2 | LOQ/2 |
| CBD | 2.53% | 30% | 107.0% | 90-110% | <LOQ/2 | LOQ/2 |
| d9-THC | <LOQ% | 30% | 97.4% | 90-110% | <LOQ/2 | LOQ/2 |
| d8-THC | <LOQ% | 30% | 108.0% | 90-110% | <LOQ/2 | LOQ/2 |
| THCA | <LOQ% | 30% | 101.0% | 90-110% | <LOQ/2 | LOQ/2 |

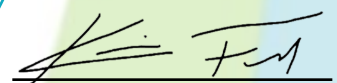
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