ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573

License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Hemplucid 25 mg Full Spec Gumm
Sample Matrix:
CBD/HEMP
Edibles
(Ingestion)

# Certificate of Analysis

Compliance Test

**Hemplucid**
4844 N 300 W
Provo, UT 84604

**Batch #** 3410012
**Batch Date:** 2021-01-15
**Extracted From:** Hemp

**Test Reg State:** Utah

**Production Facility:** Hemplucid
**Production Date:** 2021-01-15

**Order #** HEM210125-020041
**Order Date:** 2021-01-25
**Sample #** AAAY062

**Sampling Date:** 2021-01-27
**Lab Batch Date:** 2021-01-27
**Completion Date:** 2021-02-01

**Initial Gross Weight:** 19.075 g
**Net Weight:** 8.993 g

**Number of Units:** 1
**Net Weight per Unit:** 8993.000 mg


Product Image

**Potency**
**Tested**

## Potency - 11

**Specimen Weight: 1518.000 mg**

**Tested**
(HPLC/LCMS)

**Pieces For Panel: 3**

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|---|---|---|---|---|---|
| CBD | 1000.000 | 0.000054 | 0.001 | 8.710 | 0.871 |
| Delta-9 THC | 1000.000 | 0.000013 | 0.001 | 0.210 | 0.021 |
| CBC | 1000.000 | 0.000018 | 0.001 | 0.120 | 0.012 |
| CBG | 1000.000 | 0.000248 | 0.001 | 0.060 | 0.006 |
| CBDV | 1000.000 | 0.000065 | 0.001 | 0.050 | 0.005 |
| CBDA | 1000.000 | 0.00001 | 0.001 | 0.020 | 0.002 |
| Delta-8 THC | 1000.000 | 0.000026 | 0.001 | | <LOQ |
| THCV | 1000.000 | 0.000007 | 0.001 | | <LOQ |
| CBN | 1000.000 | 0.000014 | 0.001 | | <LOQ |
| CBGA | 1000.000 | 0.00008 | 0.001 | | <LOQ |
| THCA-A | 1000.000 | 0.000032 | 0.001 | | <LOQ |

## Potency Summary

| | |
|---|---|
| Total CBD 0.873% 78.487mg | Total THC 0.021% 1.889mg |
| Total CBG 0.007% 0.618mg | Total CBN None Detected |
| Other Cannabinoids 0.017% 1.529mg | Total Cannabinoids 0.918% 82.523mg |

Xueli Gao — Lab Toxicologist
Ph.D., DABT

Aixia Sun — Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram , *Measurement of Uncertainty = +/- 5%

kaycha LABS
879 Federal Blvd
Denver, CO, 80204, USA

**Phytatech Labs**
HL-CUBE750
N/A
Matrix: Infused

# Certificate of Analysis

**Sample:DE10205001-016**
**Harvest/Lot ID: 3410012**
**Seed to Sale #**1A400031269FB2B000000976
**Batch Date :**01/15/21
**Batch#:** 2020-1014(1)
**Sample Size Received:** 3 units
**Retail Product Size:** 96
**Ordered** : 02/04/21
**Sampled** : 02/04/21
**Completed:** 02/10/21 Expires: 02/10/22
**Sampling Method:** SOP-024

## Feb 10, 2021 | Hemplucid

License # NA
4844 N. 300 W. Ste. 202
Provo, CO, 84604, US

hemplucid

**PASSED**



**SAFETY RESULTS**

| Pesticides | Heavy Metals | Microbials | Mycotoxins | Residuals Solvents | Filth | Water Activity | Moisture | Homogeneity |
|---|---|---|---|---|---|---|---|---|
| NOT TESTED | PASSED | PASSED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |

**MISC.**

Terpenes
**NOT TESTED**



**Stephen Goldman**
Lab Director

State License #
405R-00011 405-00008
ISO Accreditation # 4331.01

Signature

02/10/2021
Signed On

879 Federal Blvd
Denver, CO, 80204, USA

**Phytatech Labs**
HL-CUBE750
N/A
Matrix : Infused

# Certificate of Analysis

**PASSED**

**Hemplucid**

4844 N. 300 W. Ste. 202
Provo, CO, 84604, US
**Telephone:** 7192318261
**Email:** sarah@hemplucid.com
**License #:** NA

**Sample : DE10205001-016**
**Harvest/LOT ID: 3410012**
**Batch# :** 2020-1014(1)
**Sampled :** 02/04/21
**Ordered :** 02/04/21
**Sample Size Received :** 3 units
**Completed :** 02/10/21 **Expires:** 02/10/22
**Sample Method :** SOP-024



## Microbials — PASSED

| Analyte | LOD | Result |
|---|---|---|
| SALMONELLA_SPECIES | | not present in 1 gram. |
| SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC | | not present in 1 gram. |
| TOTAL_YEAST_AND_MOLD | | not present in 1 gram. |

**Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)**
**Analytical Batch -DE001478MIC Batch Date : 02/05/21**
**Instrument Used : Microbial - Full Panel**
**Running On : 02/05/21**

| Analyzed by | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 5 | 3.44g | 02/05/21 | 5 |

| Reagent | Reagent | Reagent | Reagent | Consums. ID | Consums. ID |
|---|---|---|---|---|---|
| 123020.17 | 082720.39 | 120520.R02 | 012821.09 | 61464-041C6-041H | NT10-1212 |
| 011521.R12 | 020221.R08 | 112020.02 | 012821.08 | 40898-021C4-021AI | 040C7-0142 |
| 010621.R05 | 012621.R10 | 081220.02 | 020121.R01 | MKCN2192 | 00019 |
| 020321.R01 | 020221.R05 | 100419.03 | 020521.R06 | 12054-036CC-036 | CH_2047174 |
| 011621.02 | 110620.R01 | 121720.01 | 012621.03 | 06520022 | |
| 082720.38 | 012621.R11 | 011521.R14 | | 0 | |

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) methods and plating methods. If a pathogenic Escherichia Coli (STEC) or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

## Heavy Metals — PASSED

| Reagent | Reagent | Dilution | Consums. ID |
|---|---|---|---|
| 111020.01 | 012921.R05 | 50 | 018C4-018D |
| 020321.R13 | 020221.R01 | | 040CB-040D |
| 020321.R04 | | | 12054-036CC-036 |
| 020321.R03 | | | 923C4-923AK |
| 011521.01 | | | |
| 071620.05 | | | |

| Metal | LOD | Unit | Result | Action Level (PPM) |
|---|---|---|---|---|
| ARSENIC | 0.0020 | ppm | ND | 1.5 |
| CADMIUM | 0.0016 | ppm | ND | 0.5 |
| MERCURY | 0.0035 | ppm | ND | 1 |
| LEAD | 0.0101 | ppm | ND | 1 |

| Analyzed by | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 7 | 0.224g | 02/09/21 12:02:58 | 666 |

**Analysis Method -SOP-050 (R5)**
**Analytical Batch -DE001480HEA | Reviewed On - 02/10/21 08:57:17**
**Instrument Used : Shimadzu 2030 ICP-MS**
**Running On : 02/09/21 15:34:22**
**Batch Date : 02/08/21 08:28:41**

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP-050 (R5). Sample preparation for Heavy Metals Analysis via SOP-050 (R5).



**Stephen Goldman**
Lab Director
State License # 405R-00011 405-00008
ISO Accreditation # 4331.01

Signature

02/10/2021
Signed On