

## HCT Cartridge 24K Gold Punch

## Analysis ID: A14393-4

## Customer

Product description: /

Batch number: na

Sample type: extracts and hemp final products

SFP id: V13271

Sample received date: 2025-09-30

Remarks: /

Method id: GCMS\_GC\_FID\_general\_v1.0

Date of aquisition: 2025-09-30

Date of processing: 2025-10-01

Date of approval: 2025-12-13

Remarks: /

Brands of Hemp, s.r.o.

Žižkova 708, 26101 Příbram II

Czech Republic



## Assay of Main/Natural Cannabinoids

| Short            | Substance name                     | Assay % | M.U. |
|------------------|------------------------------------|---------|------|
| CBG              | Cannabigerol                       | 2.76    | 0.17 |
| CBC              | Cannabichromene                    | 3.12    | 0.19 |
| CBGV             | Cannabigerivarin                   | ND      | ND   |
| CBDV             | Cannabidivarin                     | 1.12    | 0.07 |
| CBCV             | Cannabichromevarin                 | ND      | ND   |
| CBN              | Cannabinol                         | 3.66    | 0.22 |
| CBD              | Cannabidiol                        | 57.14   | 2.29 |
| $\Delta 8$ -THC  | $\Delta 8$ -tetrahydrocannabinol   | ND      | ND   |
| $\Delta 9$ -THC  | $\Delta 9$ -tetrahydrocannabinol   | ND      | ND   |
| CBV              | Cannabivarin                       | ND      | ND   |
| CBL              | Cannabicyclol                      | 0.50    | 0.03 |
| CBE              | Cannabielsoin                      | 2.09    | 0.13 |
| $\Delta 8$ -THCV | $\Delta 8$ -tetrahydrocannabivarin | ND      | ND   |
| $\Delta 9$ -THCV | $\Delta 9$ -tetrahydrocannabivarin | ND      | ND   |
| CBT              | Cannabicitran                      | 3.72    | 0.22 |
| CBDB             | Cannabidibutol                     | ND      | ND   |

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## Assay of semisynthetic and synthetically derived cannabinoids

| Short              | Substance name                             | Assay % | M.U. |
|--------------------|--------------------------------------------|---------|------|
| iso-THC            | $\Delta^8$ -iso-Tetrahydrocannabinol       | ND      | ND   |
| S-HHC              | 9S-Hexahydrocannabinol                     | ND      | ND   |
| R-HHC              | 9R-Hexahydrocannabinol                     | ND      | ND   |
| R-HHCP             | 9R-Hexahydrocannabiphorol                  | ND      | ND   |
| S-HHCP             | 9S-Hexahydrocannabiphorol                  | ND      | ND   |
| d9-THCP            | Trans- $\Delta^9$ -tetrahydrocannabiphorol | ND      | ND   |
| CBDP               | cannabidiphorol                            | ND      | ND   |
| RH4CBD             | R-Tetrahydrocannibidiol                    | ND      | ND   |
| SH4CBD             | S-Tetrahydrocannibidiol                    | ND      | ND   |
| d8-THCP            | Trans- $\Delta^8$ -Tetrahydrocannabiphorol | ND      | ND   |
| CBND               | Cannabinodiol                              | 0.54    | 0.03 |
| ciso-HHC           | cis-iso-Hexahydrocannabinol                | ND      | ND   |
| tiso-HHC           | trans-iso-Hexahydrocannabinol              | ND      | ND   |
| H2CBD              | 8,9-Dihydrocannibidiol                     | ND      | ND   |
| d9-THCB            | $\Delta^9$ -Tetrahydrocannabibutol         | ND      | ND   |
| 9R-HHCAc           | 9R-Hexahydrocannabinol Acetate             | ND      | ND   |
| $\Delta^{10}$ -THC | $\Delta^{10}$ -Tetrahydrocannabinol        | ND      | ND   |
| CBGAc              | Cannabigerol acetate                       | ND      | ND   |
| S-HHCAc            | 9S-Hexahydrocannabinol acetate             | ND      | ND   |
| CBGmAc             | Cannabigerol monoacetate isomer            | ND      | ND   |
| CBNAc              | Cannabinol acetate                         | ND      | ND   |
| $\Delta^9$ -THCC8  | $\Delta^9$ -THC-C8                         | ND      | ND   |
| $\Delta^8$ -THCC8  | $\Delta^8$ -THC-C8                         | ND      | ND   |
| CBNP               | Cannabiphorol                              | ND      | ND   |
| $\Delta^3$ -THC    | 9(R)- $\Delta^6$ a,10a-THC                 | ND      | ND   |
| $\Delta^7$ -THC    | 9(S)- $\Delta^7$ -THC                      | ND      | ND   |
| $\Delta^9$ -THCH   | $\Delta^9$ -THCH                           | ND      | ND   |
| $\Delta^8$ -THCH   | $\Delta^8$ -THCH                           | ND      | ND   |
| $\Delta^9$ -THCO   | $\Delta^9$ -THC Acetate                    | ND      | ND   |
| $\Delta^8$ -THCO   | $\Delta^8$ -THC Acetate                    | ND      | ND   |
| $\Delta^9$ -THCPO  | $\Delta^9$ -THCP Acetate                   | ND      | ND   |
| $\Delta^8$ -THCPO  | $\Delta^8$ -THCP Acetate                   | ND      | ND   |
| $\Delta^8$ -THCHO  | $\Delta^8$ -THCH Acetate                   | ND      | ND   |
| $\Delta^9$ -THCVO  | Tetrahydrocannabivarin Acetate             | ND      | ND   |
| $\Delta^8$ -THCVO  | $\Delta^8$ -Tetrahydrocannabivarin Acetate | ND      | ND   |
| $\Delta^8$ -THCBO  | $\Delta^9$ -THCB Acetate                   | ND      | ND   |
| S-HHCC8            | 9(S)-Hexahydrocannabinol-C8                | ND      | ND   |
| R-HHCC8            | 9(R)-Hexahydrocannabinol-C8                | ND      | ND   |
| R-HHCH             | 9(R)-Hexahydrocannabihexol                 | ND      | ND   |
| S-HHCH             | 9(S)-Hexahydrocannabihexol                 | ND      | ND   |
| R-HHCB             | 9(R)-Hexahydrocannabutol                   | ND      | ND   |
| S-HHCB             | 9(S)-Hexahydrocannabihexol                 | ND      | ND   |
| R-HHCV             | 9(R)-Hexahydrocannabivarin                 | ND      | ND   |
| S-HHCV             | 9(S)-Hexahydrocannabivarin                 | ND      | ND   |
| R-HHCPAc           | 9(R)-Hexahydrocannabiphorol Acetate        | ND      | ND   |
| S-HHCPAc           | 9(S)-Hexahydrocannabiphorol Acetate        | ND      | ND   |
| 10H-RHHC           | 10(S)-hydroxy-9(R)-Hexahydrocannabinol     | ND      | ND   |
| OH-HHCP            | 10-hydroxy-Hexahydrocannabiphorol          | ND      | ND   |
| MCO-THC            | Methyl Carbonate Tetrahydrocannabinol      | ND      | ND   |

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## Screening for Spice type compounds and other synthetic cannabinoids

| Short    | Substance name                                   | Assay % | M.U. |
|----------|--------------------------------------------------|---------|------|
| JWH018   | JWH 018 CAS:209414-07-3                          | ND      | ND   |
| JWH073   | JWH 073 CAS:208987-48-8                          | ND      | ND   |
| JWH122   | JWH 122 CAS:619294-47-2                          | ND      | ND   |
| JWH210   | JWH 210 CAS:824959-81-1                          | ND      | ND   |
| JWH250   | JWH 250 CAS:864445-43-2                          | ND      | ND   |
| AM2201   | AM2201 CAS:335161-24-5                           | ND      | ND   |
| AM694    | AM694 CAS:335161-03-0                            | ND      | ND   |
| AM1248   | AM1248 CAS:335160-66-2                           | ND      | ND   |
| HU210    | HU-210 CAS:112830-95-2                           | ND      | ND   |
| HU211    | HU-211 CAS:112924-45-5                           | ND      | ND   |
| CP47497  | (±)-CP 47,497 CAS:70434-82-1                     | ND      | ND   |
| CP55940  | (±)-CP 55,940 CAS:83003-12-7                     | ND      | ND   |
| UR144    | UR-144 CAS:1199943-44-6                          | ND      | ND   |
| XLR11    | XLR11 CAS:1364933-54-9                           | ND      | ND   |
| AKB48    | APINACA CAS:1345973-53-6                         | ND      | ND   |
| 5FAKB48  | 5-fluoro AKB48 CAS:1400742-13-3                  | ND      | ND   |
| PB22     | PB-22 CAS:1400742-17-7                           | ND      | ND   |
| 5FPB22   | 5-fluoro PB-22 CAS:1400742-41-7                  | ND      | ND   |
| FUB144   | FUB-144 CAS:2185863-15-2                         | ND      | ND   |
| FUBAMB   | MMB-FUBINACA CAS:1971007-92-7                    | ND      | ND   |
| ABFUB    | AB-FUBINACA CAS:1185282-01-2                     | ND      | ND   |
| ABCHMI   | AB-CHMINACA CAS:1185887-21-1                     | ND      | ND   |
| ADBUB    | ADB-FUBINACA CAS:1445583-51-6                    | ND      | ND   |
| ADBPINA  | ADB-PINACA CAS:1633766-73-0                      | ND      | ND   |
| MABCHMI  | MAB-CHMINACA CAS:1863065-92-2                    | ND      | ND   |
| MDMBCHMI | MDMB-CHMICA CAS:1971007-95-0                     | ND      | ND   |
| 5FADB    | (R)-5-fluoro ADB CAS:1838134-16-9                | ND      | ND   |
| CUMYPINA | 5-fluoro CUMYL-PINACA CAS:1400742-16-6           | ND      | ND   |
| AFB48    | AKB48 N-(4-fluorobenzyl) analog CAS:2180933-90-6 | ND      | ND   |
| 5FAMB    | 5-fluoro AMB CAS:1801552-03-3                    | ND      | ND   |
| 5FABICA  | 5-fluoro ABICA CAS:1801338-26-0                  | ND      | ND   |
| 5FSDB006 | 5-fluoro SDB-006 CAS:1776086-02-2                | ND      | ND   |
| ADTHPIN  | ATHPINACA isomer 1 CAS:1400742-48-4              | ND      | ND   |
| ADBCHMI  | ADB-CHMICA CAS:2221100-70-3                      | ND      | ND   |
| SGT67    | 5-fluoro CUMYL-PICA CAS:1400742-18-8             | ND      | ND   |
| CUMPINA  | CUMYL-PINACA CAS:1400742-15-5                    | ND      | ND   |
| CUMP7AIC | 5-fluoro CUMYL-P7AICA CAS:2171492-36-5           | ND      | ND   |
| CUMPICA  | CUMYL-PICA CAS:1400742-32-6                      | ND      | ND   |
| SDB006   | SDB-006 CAS:695213-59-3                          | ND      | ND   |
| ABPINA   | AB-PINACA CAS:1445752-09-9                       | ND      | ND   |
| SGT78    | 4-cyano CUMYL-BUTINACA CAS:1631074-54-8          | ND      | ND   |
| 5FMD2201 | 5-fluoro MDMB-PICA CAS:1971007-88-1              | ND      | ND   |
| 4FMDBIN  | 4-fluoro MDMB-BUTINACA CAS:2390036-46-9          | ND      | ND   |
| MD4enPIN | MDMB-4en-PINACA CAS:2504100-70-1                 | ND      | ND   |
| 4FMDBIC  | 4-fluoro MDMB-BUTICA CAS:2682867-53-2            | ND      | ND   |
| CUMPEGA  | CUMYL-PeGACLONE CAS:2160555-55-3                 | ND      | ND   |
| ADBBUTI  | ADB-BUTINACA CAS:2682867-55-4                    | ND      | ND   |
| 5FCUMPeG | 5-fluoro CUMYL-PeGACLONE CAS:2377403-49-9        | ND      | ND   |
| ADB4PIN  | ADB-4en-PINACA CAS:2666932-44-9                  | ND      | ND   |
| 5FMBPICA | 5-fluoro EDMB-PICA CAS:2666934-54-7              | ND      | ND   |
| 5BrAKB48 | 5-bromo APINACA CAS:2160555-51-9                 | ND      | ND   |

| Short    | Substance name                      | Assay % | M.U. |
|----------|-------------------------------------|---------|------|
| 5FEPIC   | 5-fluoro EMB-PICA CAS:2648861-83-8  | ND      | ND   |
| MD5BrIN  | MDMB-5Br-INACA CAS:MD5BrIN          | ND      | ND   |
| ADB5BrIN | ADB-5Br-INACA CAS:ADB5BrIN          | ND      | ND   |
| EADBFU   | 5,3-ADB-4en-PFUPPYCA CAS:EADBFU     | ND      | ND   |
| FUACADB  | ADB-FUBIATA CAS:2938025-73-9        | ND      | ND   |
| AP5BIN   | ADB-5'Br-PINACA CAS:AP5BIN          | ND      | ND   |
| SGT152   | CUMYL-NBMINACA CAS:1631074-60-6     | ND      | ND   |
| ADBHEX   | ADB-HEXINACA CAS:ADBHEX             | ND      | ND   |
| RCS4     | RCS-4 CAS:1345966-78-0              | ND      | ND   |
| FAP7A    | 5-fluoro 7-APAICA CAS:2682867-58-7  | ND      | ND   |
| BZHEX    | MDA 19 CAS:1048973-47-2             | ND      | ND   |
| BZPOX    | BZO-POXIZID CAS:1048973-64-3        | ND      | ND   |
| CUCHM    | CUMYL-CH-MeGACLONE CAS:2813950-07-9 | ND      | ND   |
| 7AICA    | AP7AICA CAS:2366269-62-5            | ND      | ND   |
| CMP7CA   | CUMYL-P7AICA CAS:2366268-31-5       | ND      | ND   |
| EDMBPIN  | EDMB-PINACA CAS:2666934-55-8        | ND      | ND   |
| MDMBPIN  | MDMB-PINACA CAS:1971007-99-4        | ND      | ND   |
| MDMBBUTI | MDMB-BUTINACA CAS:3039541-81-3      | ND      | ND   |
| MDMB5INA | MDMB-5Me-INACA                      | ND      | ND   |
| EDMB4PIN | EDMB-4en-PINACA CAS:EDMB4PIN        | ND      | ND   |
| MDMBrPIN | MDMB-5'Br-4en-PINACA CAS:MDMBrPIN   | ND      | ND   |

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This certificate was reviewed by Ivan  
Plantan PhD, quality control on  
2025-12-13.

*Plantan*

This certificate was approved by Tina  
Pungartink, director on 2025-12-13.

*T. Pungartink*