

Arete

Sample: 12-28-2022-28519

Sample Received: 12/28/2022;

Report Created: 01/06/2023; Expires: 12/29/2023

GG4 x Apple Strudel Exotic Hash Rosin Blend
Concentrate & Extracts



21.419%

Total THC

ND%

Δ-9 THC

84.842%

Total Cannabinoids

58.975%

Total CBD

Cannabinoids

(Testing Method: HPLC, CON-P-3000)
Date Tested: 12/28/2022

Complete

| Analyte | LOD | LOQ | Mass | Mass | |
|---|--------|--------|---------------|----------------|--|
| | % | % | % | mg/g | |
| Δ-8-Tetrahydrocannabinol (Δ-8 THC) | 0.0885 | 0.1327 | 0.267 | 2.673 | |
| Δ-9-Tetrahydrocannabinol (Δ-9 THC) | 0.0885 | 0.1327 | ND | ND | |
| Δ-9-Tetrahydrocannabinolic Acid (THCA-A) | 0.0885 | 0.1327 | 24.423 | 244.230 | |
| Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP) | 0.0885 | 0.1327 | ND | ND | |
| Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) | 0.0885 | 0.1327 | ND | ND | |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) | 0.0885 | 0.1327 | ND | ND | |
| R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) | 0.0885 | 0.1327 | ND | ND | |
| S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) | 0.0885 | 0.1327 | ND | ND | |
| 9R-Hexahydrocannabinol (9R-HHC) | 0.0885 | 0.1327 | ND | ND | |
| 9S-Hexahydrocannabinol (9S-HHC) | 0.0885 | 0.1327 | ND | ND | |
| Tetrahydrocannabinol Acetate (THCO) | 0.0885 | 0.1327 | ND | ND | |
| Cannabidivarin (CBDV) | 0.0885 | 0.1327 | 0.179 | 1.788 | |
| Cannabidivarinic Acid (CBDVA) | 0.0885 | 0.1327 | ND | ND | |
| Cannabidiol (CBD) | 0.0885 | 0.1327 | 58.975 | 589.752 | |
| Cannabidiolic Acid (CBDA) | 0.0885 | 0.1327 | ND | ND | |
| Cannabigerol (CBG) | 0.0885 | 0.1327 | 0.225 | 2.248 | |
| Cannabigerolic Acid (CBGA) | 0.0885 | 0.1327 | ND | ND | |
| Cannabinol (CBN) | 0.0885 | 0.1327 | 0.527 | 5.274 | |
| Cannabinolic Acid (CBNA) | 0.0885 | 0.1327 | ND | ND | |
| Cannabichromene (CBC) | 0.0885 | 0.1327 | 0.246 | 2.460 | |
| Cannabichromenic Acid (CBCA) | 0.0885 | 0.1327 | ND | ND | |
| Total | | | 84.842 | 848.425 | |

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: ± 0.040%
Total CBD Measurement of Uncertainty: ± 2.000%
THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers

Amended report issued to reflect change in sample identification



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TN DEA#: RN0563975
AT-2868: ISO/IEC 17025:2017

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Terpenes

(Testing Method: HS-GC/MS, CON-P-4000)

Date Tested: 12/28/2022

| Analyte | LOD | LOQ | Mass | Mass | |
|---------------------|-------|-------|------------------|---------------|----------------|
| | PPM | PPM | PPM | mg/g | |
| α-Bisabolol | 0.750 | 3.000 | 5330.434 | 5.330 | |
| α-Humulene | 0.750 | 3.000 | 7272.604 | 7.273 | |
| α-Pinene | 0.750 | 3.000 | 1591.604 | 1.592 | |
| α-Terpinene | 0.750 | 3.000 | ND | ND | |
| 1,8-Cineole | 0.750 | 3.000 | ND | ND | |
| β-Caryophyllene | 0.750 | 3.000 | 22163.679 | 22.164 | |
| β-Myrcene | 0.750 | 3.000 | 9952.764 | 9.953 | |
| Borneol | 0.750 | 3.000 | <LOQ | <LOQ | |
| Camphene | 0.750 | 3.000 | <LOQ | <LOQ | |
| Carene | 0.750 | 3.000 | ND | ND | |
| Caryophyllene Oxide | 3.000 | 3.000 | >3.000 | >0.003 | |
| Citral | 0.750 | 3.000 | ND | ND | |
| Dihydrocarveol | 0.750 | 3.000 | ND | ND | |
| Fenchone | 0.750 | 3.000 | ND | ND | |
| γ-Terpinene | 0.750 | 3.000 | <LOQ | <LOQ | |
| Limonene | 0.750 | 3.000 | 5461.245 | 5.461 | |
| Linalool | 0.750 | 3.000 | 1334.849 | 1.335 | |
| Menthol | 0.750 | 3.000 | ND | ND | |
| Nerolidol | 0.750 | 3.000 | ND | ND | |
| Ocimene | 0.750 | 3.000 | 2733.915 | 2.734 | |
| Pulegone | 0.750 | 3.000 | ND | ND | |
| Terpinolene | 0.750 | 3.000 | 11259.434 | 11.259 | |
| Total | | | 67820.830 | 67.821 | 6.782 % |

Primary Aromas

Cinnamon



Herbal



Clove



Hops



Lime



Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range. Amended report issued to reflect change in sample identification



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