**S3 Table. Quantitation of cannabinoid contents in THC- and CBD-type cannabis with HPLC and GC/MS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | **Cannabinoid content (%)1**  **Mean ± SD (RSD)** | | | | |
| **Cannabis** | **Method** | **CBD** | **CBDA** | **THC** | **THCA-A** | **CBN** |
| THC-type | HPLC | < LLOQ | < LLOQ | 0.53 ± 0.06 (11.5) | 4.97 ± 0.95 (19.2) | 0.09 ± 0.01 (12.3) |
|  | GC/MS | < LLOQ | n.a.2 | 4.61 ± 0.51 (11.0) | n.a.2 | 0.44 ± 0.04 (8.4) |
| CBD-type | HPLC | 0.46 ± 0.02 (3.4) | 2.77 ± 0.15 (5.6) | 0.20 ± 0.00 (1.7) | 0.48 ± 0.03 (5.9) | < LLOQ |
|  | GC/MS | 2.61 ± 0.05 (2.0) | n.a.2 | 0.53 ± 0.01 (2.4) | n.a.2 | < LLOQ |

1 % (w/w) of the dried plant material.

2 n.a.: not applicable, as in GC/MS acidic cannabinoids are decarboxylated.