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CERTIFICATE OF ANALYSIS

Product Information

Product Name: Cannabidiol (CBD) Isolate
 Product Type: Crystals
 HS Code: 2907 29 - Polyphenols
 CAS #: 13956-29-1
 Batch Number: D-ISO 80
 Manufacture Date: 4/2/2022



Sample Information

Sample Number: D-ISO 80
 Sample Received: 4/2/2022
 Sample Condition: Suitable
 Start of Analysis: 4/2/2022
 Report Created: 4/2/2022

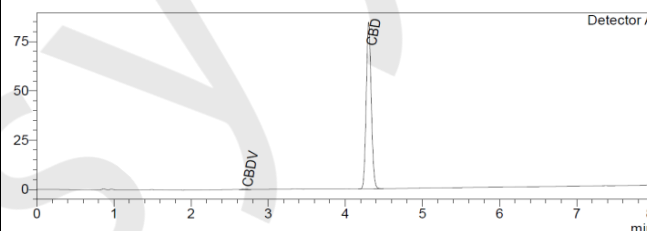
SUMMARY

TOTAL CBD* 99.389 **TOTAL THC*** ND

Quantitative Results

Compound Name	Concentration, w/w %
CBDV - Cannabidivarin	0.312
CBDA - Cannabidiolic acid	ND
CBGA - Cannabigerolic acid	ND
CBG - Cannabigerol	ND
CBD - Cannabidiol	99.389
THCV - Tetrahydrocannabivarin	ND
CBN - Cannabinol	ND
CBC - Cannabichromene	ND
THC - Δ8-Tetrahydrocannabinol	ND
THC - Δ9-Tetrahydrocannabinol	ND
THCA - Δ9-Tetrahydrocannabinolic acid	ND

Chromatogram



Units and abbreviations: **w/w %** = weight percent, **ND** = the measured value was below the limit of detection of 0.001 %

*For the calculations of the equivalence sums, the respective acid forms were multiplied by the factor of 0.877 and 0.878, respectively, to infer the equivalent amount of the neutral forms.

Instrumental and analytical conditions:

Sample preparation: 0.01 g (± 0.00001) of homogenous sample was diluted with 1 mL of HPLC grade methanol. Diluted sample was mixed, vortexed and centrifuged. Then the mixture was diluted again to a final concentration of 0.1 mg/mL. Peak identification and quantification was performed by comparing retention times and UV absorption spectra of the samples with those of the standard solutions.

Equipment: Quantitative analysis was performed using Shimadzu Cannabis Analyzer for Potency - an integrated HPLC system with built-in sample cooler, degasser, autoinjector and UV detector. NexLeaf CBX for potency, 2.7 μ m, 4.6 x 150 mm column coupled with NexLeaf CBXGuard column was eluted. Data was analyzed using Shimadzu LabSolutions software.

The results within this report apply only to the product tested and batched under the batch number identified above. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. These test results are for the exclusive use of the above named individual or entity. Total or partial reproduction of this document is not allowed without the permit of Biosyyd, UAB. The document does not substitute any other legal document.

Date Issued:

4/2/2022

Approved by:

Chief Analyst

Authorized by:

Chief Scientific Officer