

ANALYSIS REPORT
n°RA2024-CANEBE-002

Requestor	CANEBE S.R.O Rybna 716/24 11000 Staré Mesto Praha 1 CZECH REPUBLIC
Sample delivery date	14/03/2024
Batch number	-
Product name	10% CBG oil
Your reference	Quantification of cannabinoids

Thank you for sending us your products for analysis. The results provided in this report concern only the products sent for analysis. They cannot be extrapolated to the possible properties of a batch. This document cannot be reproduced (even partially) without the agreement of the laboratory.

In case of distribution to third parties, you are required to provide your recipient with the original PDF file to ensure the authenticity of the report.

The results are only reproducible with our analysis and testing conditions from the samples provided. Unless otherwise specified, the analyzed samples are destroyed 7 days after the analysis.

For all requests concerning the analysis report, please write to the following e-mail address: contact@labostark.fr

All the team wishes you a good reception,

Sincerely,

Florent LEGALITE
R&D Manager



PRODUCT IDENTIFICATION

Name : 10% CBG oil



ANALYSIS PARAMETERS

Quantitative analysis method : LBSTRK005 – HPLC - PDA

Quantitative analysis : HPLC Shimadzu

Analyte	Results	Unit
CBD – cannabidiol	0,273	% (m/m)
CBDA – cannabidiolic acid	<0,005	% (m/m)
CBD_{total}	0,273	% (m/m)
Δ ⁹ -THC – delta9-tetrahydrocannabinol	0,012	% (m/m)
THCA – tetrahydrocannabinolic acid	<0,005	% (m/m)
Δ⁹-THC_{total}	0,012	% (m/m)
Δ ⁸ -THC – delta8-tetrahydrocannabinol	<0,005	% (m/m)
THCVA – tetrahydrocannabivarinic acid	<0,005	% (m/m)
CBG – cannabigerol	7,191	% (m/m)
CBGA – cannabigerolic acid	<0,005	% (m/m)
CBG_{total}	7,191	% (m/m)
CBN – cannabinol	<0,005	% (m/m)
CBNA – cannabinolic acid	<0,005	% (m/m)
CBC - cannabichromene	0,028	% (m/m)
CBCA – cannabichromenic acid	<0,005	% (m/m)
CBDV – cannabidivarin	0,010	% (m/m)
CBL – cannabicyclol	<0,005	% (m/m)
ND : not detected (LOD : 0,002%) / NQ : not quantified (LOQ : 0,005%)		

In order to quantify the total THC content, it is necessary to take into consideration the %Δ⁹THC, as well as the %THCA (Acid form of Δ⁹THC). The recognized method of calculating %THC_{total} by HPLC analysis is therefore as follows:

$$\% \text{ THC}_{\text{total}} = \% \text{ THC} + (\% \text{ THCA} \times 0,877)$$

This principle is also transposed to the calculation of the percentage of CBD_{total} and CBG_{total} by taking into account their respective acid form: CBDA and CBGA.

Validated by : Dr Renaud BOISSEAU
Laboratory Manager – Doctor in Analytical Chemistry