

ANALYSIS REPORT

n°RA2022-010

Requested by	Toast
Date of Receipt of Sample	15/04/2022
Batch Number	X351-01 (lipid phase) & X349-01 (aqueous phase) Final product batch number: X355-02
Product Name	Mix 50 % lipid phase 50 % aqueous phase (bi-phase serum)
Your references	Quantification of Cannabinoids

We thank you for having entrusted us with your products for analyses. The results supplied in this report concern exclusively the product samples transmitted to us for analysis.

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The results are only reproducible with our analytical conditions and from the samples provided. Unless otherwise specified, the analysed samples are destroyed 7 days following their analysis.

Sincere salutations,

Florent LEGALITE
Responsable R&D



PRODUCT IDENTIFICATION

Name: Mix 50 % lipid phase
(*phase huileuse*), 50 %
aqueous phase (*phase aqueuse*)
Bi-phase serum

X351-01 (*lipid phase*)

X349-01 (*aqueous phase*)

Final product batch number: X355-02



PHYSICO-CHEMICAL ANALYSES

The values present in this table are the result of reports **RA-2022-008** and **RA-2022-009**, based on a homogenous mix of 50% of aqueous phase, and 50% of lipid phase.

Analyte	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
CBD	0.281	2.81	0.0006	0.002
Δ^9 -THC	ND	ND	0.0006	0.002
CBG	0.044	0.44	0.0006	0.002
CBL	ND	ND	0.0006	0.002
CBC	ND	ND	0.0006	0.002
THCVA	ND	ND	0.0006	0.002
CBDV	ND	ND	0.0006	0.002
THCA	ND	ND	0.0006	0.002
CBDA	ND	ND	0.0006	0.002
CBGA	ND	ND	0.0006	0.002
CBN	ND	ND	0.0006	0.002
CBNA	ND	ND	0.0006	0.002
CBD_{total}	0.281	2.81	ND : not detected NQ : not quantified	
THC_{total}	ND	ND		

In order to quantify the total THC content, it is necessary to take into consideration the % Δ^9 THC, as well as the % THCA (acid form of Δ^9 THC). The calculation method recognised for %THC_{total} by HPLC analysis is the following:

$$\% \text{THC}_{\text{total}} = \% \text{THC} + (\% \text{THCA} \times 0.877)$$

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

Validated by : Dr Renaud BOISSEAU

Responsable Laboratoire – Docteur en Chimie Analytique