

Test Report

Fera Science Ltd,
Sand Hutton,
York,
YO41 1LZ
United Kingdom



Test Report No.: FR002224_S20011634

Date: 5th March 2020

Customer:	CiiTECH
Analysis:	Suite of 7 cannabinoids
Matrix:	CBD Shampoo
Received:	3 rd of February 2020
Analysed	20 th to 25 th of February 2020

1. BACKGROUND

This report describes the analytical testing of a CBD labeled sample product.

The term "CBD" is an acronym for cannabidiol, which is one of several cannabinoids, or chemical compounds, that are found in cannabis and hemp plants.

The sample was analysed for the concentrations of 7 cannabinoids:

- **CBC**, Cannabichromene
- **CBD**, Cannabidiol
- **CBDA**, Cannabidiolic acid
- **CBG**, Cannabigerol
- **CBN**, Cannabinol
- **THC**, Tetrahydrocannabinol
- **THCA**, Tetrahydrocannabinolic acid

Test Report

2. SAMPLE DESCRIPTION

The sample was received at the laboratory in satisfactory condition and stored at ambient temperature prior to analysis.

The sample was received in the manufacturers (Impact) packaging with all seals intact.

A unique identifying number was assigned to the sample using the Fera laboratory information management system. The relevant sample details are shown in the table below.

Sample information				
Fera reference	Customer reference	Description	Batch/LOT code	Best before
S20-011634	Impact CBD Shampoo	Impact Shampoo Deep clean. 200 ml. CBD 200 mg. Ultra-Pure CBD Isolate	2TCS101901	11/2022

3. SAMPLING AND ANALYSIS

3.1 Cannabinoids

The sample was extracted into solvent and diluted before the cannabinoids were determined using LC-UV. Accuracy of the method was assessed by analysing in-house reference material with known concentrations of CBD alongside the sample and by overspiking blank material with a known concentration of each cannabinoid

4. RESULTS

4.1 Cannabidiol

Sample identification			CBD concentration	
Fera reference	Customer reference	Description	mg/kg	%
S20-011634	Impact CBD Shampoo	Impact Shampoo Deep clean. 200 ml. CBD 200 mg. Ultra-Pure CBD Isolate	962	0.1

Test Report

4.2 Cannabichromene, cannabidiolic acid, cannabigerol, cannabinol, tetrahydrocannabinol and tetrahydrocannabinolic acid

Sample identification			Cannabinoid concentrations (mg/kg)					
Fera reference	Customer reference	Description	CBC	CBD A	CBG	CBN	THC	THC A
S20-011634	Impact CBD Shampoo	Impact Shampoo Deep clean. 200 ml. CBD 200 mg. Ultra-Pure CBD Isolate	<20	<20	<20	<20	<20	<20

Issuing Officer:	Mark Harrison, Analytical chemist	Date:	03/03/20
Countersigning Manager:	Rosario Romero, Senior analytical chemist	Date:	05/03/20

This report has been prepared by Fera Science Limited ("Fera") for the sole benefit of CiiTECH. This document, and all the information, images and intellectual property rights in it belong to Fera (or its licensees). No part of the text or graphics may be reproduced without the prior written permission of Fera. Except as otherwise advised in writing by Fera, this information is confidential in nature must be treated by the receiver with at least the degree of care that it applies to its own confidential information (and always with at least a reasonable standard of care).

Fera shall not be liable for any claims, losses, demands or damages of any kind whatsoever (whether such claims, losses, demands or damages were foreseeable, known or otherwise and whether direct, indirect or consequential) arising out of or in connection with: (i) any advice given by Fera or its representatives; and/or (ii) the preparation of any technical or scientific reports. Fera makes no representation as to the suitability of using any particular goods in any manufacturing processes or scientific research, nor as to their use in conjunction with any other materials. Fera shall not be liable for any reliance placed on, nor for any recommendations, interpretation, analysis, guidance, suggestions, proposals or endorsements made in connection with, the services and/or the commercial or scientific activities carried out by Fera or its representatives.

© 2020 Fera Science Limited