

CHEM-CHEK Analytical Laboratory

Certificate of Analysis

Total CBD Content in "ReCharged CBD Spray" Sycamore BioPharma, West Columbia, SC 29169

CHEM-CHEK Labs guarantees the composition of this CBD Spray specified in this COA is accurate and precise to the stated limits based on its certified analysis. The Standard Methods of Analysis employed are defined by the American Society of Testing and Materials (ASTM), the Association of Official Analytical Chemists (AOAC) and the United States Pharmacopoeia (USP); whose standardized procedures are accepted internationally for certified chemical analysis.

METHOD: The Sample was Extracted to dissolve all the Free & Encapsulated CBD, then compared to a Certified CBD Standard & analyzed by Infra-Red Spectroscopy (FTIR); a technique approved under the USP<197> Monograph.

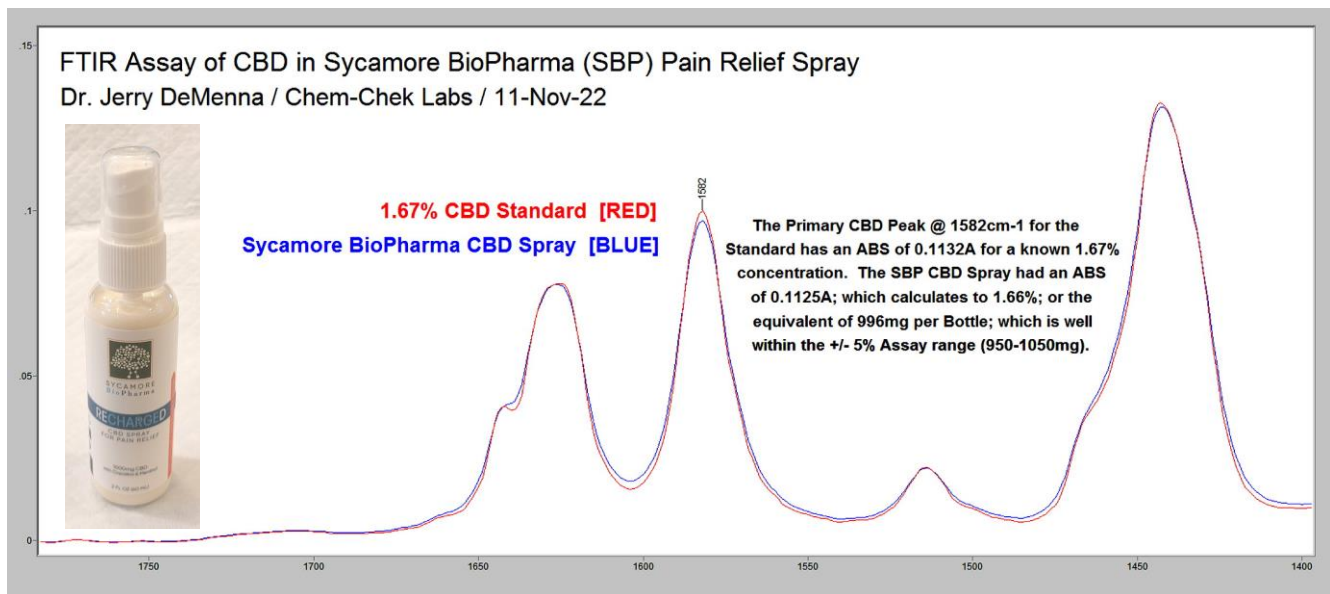
PRODUCT IDENTIFICATION:

ReCharged CBD Spray for Pain Relief, 2oz/60ml Spray Bottle, Sycamore BioPharma Lot #0101022, Best by: Oct-2024.

Label Claim: 1000mg CBD/60ml Bottle; which is the equivalent of **1.67% CBD** by volume.

ANALYTICAL ASSAY RESULTS:

The Overlay of the FTIR Spectra for the Sample & Standard are shown below, with Calculations to show the measured Total CBD Concentration in the Sycamore BioPharma CBD Spray product as **1.66% CBD** or **996mg CBD/60ml Bottle** -



Certification Date: 11 November 2022

Dr. Jerry DeMenna / Chief Technical Officer.

Traceability: The standard was manufactured under an ISO 9001-2015 certified quality system. The balance used to weigh raw materials is accurate to +/- 0.0001g and calibrated regularly using mass standards traceable to NIST. All dilutions were performed gravimetrically. Additionally, individual Analytes are traceable to NIST SRMs where available or other certified reference material as specified by each Analyte.

Homogeneity: Homogeneity was assessed in accordance with ISO Guide 35. Completed units were sampled using a random stratified sampling protocol. The results of chemical analysis were then compared using a one-way analysis of variance approach as described by .