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CERTIFICATE OF ANALYSIS AND CALIBRATION

Certificate No.: CG2122B

Product No: BC4094 – 30,000 **Analysis/Lot No.:** G2122B

Product Description: Conductivity Standard 30,000 µMho/cm @ 25°C

Date of Manufacture: 7/21/2022 **Expiration Date:** 7/1/2024

Traceability: The calibration of this product is traceable to NIST or International Standards through the following standards and equipment used in its manufacture.

Instrument	ID Number	Calibration Expiration	Traceable Reference
Conductivity Meter & Cell	05D-97C-K10	6/21/2023	SF2122C
Thermometer	A9B0909	5/3/2024	C1427018

This Biopharm Product has been manufactured according to a written procedure which provides complete traceability to the lot(s) of raw material(s) used in its preparation. In addition, our records document the methods used in the formulation and analysis of this product. These records are kept for a period of not less than one (1) year to furnish additional data should any question arise at some future date.

Accuracy: This product was manufactured using standards with an accuracy of 0.25%. The accuracy at the expiration date will be within 1% of the original value under normal conditions of storage and handling. The reported uncertainty (U) is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" and corresponds to a coverage probability of approximately 95% (k = 2).

Analyzed by: Michael Tilley (Chemist) **Analysis Procedure:** BSP0020

Analysis Date: 7/21/2022 **Procedure Deviations:** None

Analysis Results: 30,000 µMho/cm; U = (+/-) 110 uMho/cm @ 25.0°C

Certifying Chemist: Michael Tilley (Chemist) **Calibration Status:** Pass

Signature: Michael Tilley **Date:** 7-21-2022