



BIOPHARM

Quality Laboratory Solutions and Chemicals

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CERTIFICATE OF ANALYSIS AND CALIBRATION

Certificate No.: CH3123B

Product No: BB8872 Analysis/Lot No.: H3123B

Product Description: Buffer Reference Solution pH 4.00 ± 0.01 @ 25°C

Date of Manufacture: 8/31/2023 Expiration Date: 8/31/2025

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 |
|--------------|-------------|------------------------|---------------------|
| pH Electrode | 07060043101 | *N/A | SH3123B |
| Thermometer | A9B0909 | 5/3/2024 | C1427018 |

* Calibration performed at time of product manufacture

This Biopharm Product has been manufactured according to a written batch record 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 ± 0.005 unit from 0 to 50°C. The accuracy at the expiration date will be within the specified uncertainty of the original value under normal conditions of storage and handling.

Analyzed by: Michael Tilley (Chemist) Analysis Procedure: BPSP014

Analysis Date: 8/31/2023 Procedure Deviations: None

Analysis Results: pH 4.00 ± 0.01 @ 25°C

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

Signature: *Michael Tilley* Date: 10-12-2023