



## Analytical Sensors & Instruments, Ltd.

12800 Park One Drive  
Sugar Land, Texas 77478  
1-800-545-6132

### Certificate of Analysis

Product: **Solution, pH 10.01 Buffer, pH = 10.01 ± 0.02**

Catalog Number: SDH100-xx or SD1003-xx

Lot Number: **7KO-290-3**

Manufacturing Date: 11/15/2007

Expiration Date: 11/15/2008

#### Contains:

<u>Name</u>	<u>CAS Number</u>
Sodium Tetraborate Decahydrate - $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10 \text{H}_2\text{O}$	1303-96-4
Sodium Hydroxide - NaOH	1310-73-2
Deionized Water - $\text{H}_2\text{O}$	7732-18-5
Thymol - $\text{C}_{10}\text{H}_{14}\text{O}$ (a preservative) - Less than 0.001%	89-83-8

<u>Test Name</u>	<u>Assay Method</u>	<u>Specifications</u>	<u>Results</u>
Physical Properties	Clarity, Color, Odor	Clear, Blue, Odorless	Passes Test
Assay	Molar Concentration	0.0125 M	Doubly Verified
Assay	pH	10.01 ± 0.02 pH Units	10.01 pH Units

This is to certify that this product was made, inspected, and tested according to revision controlled master documents that have been reviewed and validated by the manufacturer and the distributor of this product. These master documents assure the quality and the performance of this product by relying on standard, validated, and accepted manufacturing and testing practices. Batch records are retained for a period of not less than three years and document the raw material quality, the production, and testing history for each lot manufactured.

**Shelf Life (for unopened container):** 12 months from date of manufacture

Recommended Storage: 15°C to 30 °C (59°F to 86°F)

Please dispose of this product in a manner approved by federal, state, and local laws.

A handwritten signature in black ink, appearing to read 'George C. Barone III', is written over a horizontal line.

George C. Barone III, Ph.D.

Senior Research Chemist

Quality Assurance Director

Document Prepared on:

15-Nov-07