

## CERTIFICATE OF ANALYSIS<sup>®</sup>

<b>SKU</b>	<b>RLS-SOL-B75</b>
<b>CHEMICAL NAME</b>	<b>BUFFER SOLUTIONS pH 4</b>
<b>CHEMICAL GRADE</b>	<b>LABORATORY GRADE</b>
<b>CAS NUMBER</b>	<b>877-24-7</b>
<b>APPEARANCE</b>	<b>PINK SOLUTION</b>
<b>BATCH NUMBER</b>	<b>RLS-22824-107</b>
<b>EXPIRY DATE</b>	<b>22/8/2025</b>

### Warranty Certificate

<i>Test</i>	<i>Specifications</i>	<i>Results</i>
<b>pH at 20 °C</b>	<b>3.99 - 4.05pH</b>	<b>4.00pH</b>
<b>DENSITY (g/mL)</b>	<b>1.00 - 1.04g/mL</b>	<b>1.002g/mL</b>
<b>BOILING POINT °C</b>		<b>100°C</b>

**Informative values:**

**Temperature dependence1:**

Temperature [°C]	$\Delta$ pH
0	+ 0.05
5	+ 0.04
10	+ 0.02
15	+ 0.01
20	$\pm$ 0.00
25	+ 0.01
30	+ 0.01
35	+ 0.01
40	+ 0.01
50	$\pm$ 0.00

RLS Chemical warrants conformance of its products against the relevant specification in good faith. In-house quality control procedures include representations provided by production/manufacturing source. A representative batch retention sample of the above-mentioned material has tested according to results above. Shelf life is based on current knowledge and holds only for correct storage in the original closed and sealed containers. Suitability of the product for a particular use or application is not guaranteed. It remains the responsibility of the user to determine such.

APPROVED DATE: 29.08.2024



**Quality Control**

**Quality Management ISO 9001:2015**  
**NIST traceable calibration certified.**