

CERTIFICATE OF ANALYSIS[®]

SKU	RLS-SOL-P53
CHEMICAL NAME	PHOSPHATE BUFFER (SORENSEN) pH 6.8 - 7.4
CHEMICAL GRADE	LABORATORY REAGENT
CAS NUMBER	10049-21-5
APPEARANCE	COLOURLESS SOLUTION
BATCH NUMBER	RLS-2924-01
EXPIRY DATE	02/09/2025

Warranty Certificate

<i>Test</i>	<i>Specifications</i>	<i>Results</i>
pH at 20 °C	6.8 - 7.4pH	7.1pH
DENSITY (g/mL)	1.00 - 1.04g/mL	1.009g/mL
BOILING POINT °C		100°C

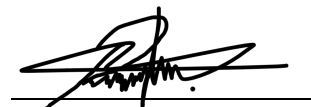
Informative values:

Temperature dependence1:

Temperature [°C]	Δ 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: 2.09.2024



Quality Control

Quality Management ISO 9001:2015
NIST traceable calibration certified.