

Certificate of Analysis

pH Buffer Solution: 4.01 pH @ 25°C

Product Information:

Model Number	525-4
Description	pH 4.01 Buffer Solution @ 25 °C, 250ml
Lot Number	S0323/01
Manufactured Date	16 January, 2023
Expiration Date	16 January, 2025
Method of Standardization	A mV instrument with a sensor calibrated to NIST traceable standards was used for cross checking the solution value.
Chemical Name	Potassium hydrogen phthalate < 2%

Analysis:

Measurement	Acceptance Range	Results
pH value @ 25 °C	4.01±/-0.02 pH	Pass


Lab Manager

Horiba Instruments (Singapore) Pte Ltd

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pH Buffer Solution: 1.68 pH @ 25°C

Product Information:

Model Number	500-2
Description	pH 1.68 Buffer Solution @ 25 °C, 500ml
Lot Number	S4024/01
Manufactured Date	2 October, 2024
Expiration Date	2 October, 2026
Method of Standardization	A mV instrument with a sensor calibrated to NIST traceable standards was used for cross checking the solution value.
Chemical Name	Potassium tetraoxalate dihydrate < 1.5%

Analysis:

<u>Measurement</u>	<u>Acceptance Range</u>	<u>Results</u>
pH value @ 25 °C	1.68±/0.02 pH	Pass


Lab Manager

HORIBA Instruments (Singapore) Pte Ltd