

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global  
Certificate Number: CERT-0120633

Catalogue Number	SB101
Lot Number	257782
Description	BUFFER SOLUTION, PH 4.00, CERTIFIED
CAS Number	50-00-0
Quality Test/Release Date	03/Feb/2026
Expiration Date	03/Feb/2028
Country of Origin	United States
Declaration of Origin	Organic - non animal
BSE/TSE	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, red liquid
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
NIST Buffer A used	NIST SRM		SRM185i
NIST Buffer B used	NIST SRM		SRM186g
OPTICAL ABSORBANCE	PASS/FAIL	= PASS TEST	PASS TEST
PH AT 25 DEGREES C		Inclusive Between 3.99 - 4.01	4.00
TRACEABLE TO NIST	PASS/FAIL	= PASS TEST	PASS TEST

Additional Information This material does not contain any potential allergens, including peanuts, milk, wheat, eggs, gluten, or soybean and does not contain any genetically modified organisms (GMO's)



Harout Sahagian  
QC Manager

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.