

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.
 Certificate Number. 951001163

Catalogue Number	036508
Lot Number	X17L010
Description	Sucrose, ACS
CAS Number	57-50-1
Quality Test/Release Date	17/Oct/2025
Suggested retest date	17/Oct/2030
Country of Origin	India

Result Name	Units	Specifications	Test Value
Chloride content	%	≤0.005%	<0.005
Comment	meq/g	Titration acid: ≤0.0008 mag/g	<0.0008
Appearance (Color)		White	White
Form		Powder or crystalline powder	Crystalline powder
Residue on ignition	%	≤0.01%	0.008
Impurity content	%	Invert sugar: ≤0.05%	<0.05
Impurity content	ppm	Iron (Fe): ≤5ppm	<5
Impurity content	%	Sulfate and sulfite (as SO ₄): ≤0.005%	<0.005
Insoluble material	%	≤0.005%	0.003
Loss on Drying	%	≤0.03%	0.02
Optical Rotation	°	+66.3° to +66.8°	+66.5
Heavy Metals (as Pb)	ppm	≤5ppm	<5



Derek Roy
 Quality Manager, LCD

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 and development use only. 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.