

## 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	041983
Lot Number	X23L037
Description	Sodium succinate hexahydrate, 99%
CAS Number	6106-21-4
Quality Test/Release Date	23/Oct/2025
Suggested retest date	23/Oct/2030
Country of Origin	India
Declaration of Origin	Synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Assay	%	≥98.5 to ≤101.5%	100.1
Chloride content	%	≤0.020%	<0.001
Comment		Substances Reducing Permanganate: Passes test (pink color remains for > 10 min)	Passes Test
Appearance (Color)		White	White
Form		Crystals or powder or crystalline powder or granules	Crystalline powder
Impurity content		Sulfate: Passes test	Passes Test
Loss on Drying	%	37.0-41.0% (90°C)	39.9
Heavy Metals (as Pb)	%	≤0.002%	<0.001
pH		6.0-9.0	Conforms
Solution Test		10% in water: Clear	Passes Test



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.