

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 Certification Number: 951001163

Catalogue Number: 036218
LOT Number: P11L054
CAS Number: 5989-81-1
Description: α -D-Lactose monohydrate, ACS
Quality Test/Release Date: 11/Mar/2025
Retest Date: 11/Mar/2035
Country of Origin: United States

Result Name	Units	Specification	Test Value
Appearance (Color)		White	White
Form		powder	Powder
Residue on ignition	%	0.03%, max	<0.03
Impurity content		Dextrose P.T.	Passes test
Impurity content	ppm	Fe 5ppm, max	<5
Impurity content		Sucrose P.T.	Passes test
Insoluble material	%	0.005%, max	<0.005
Water Content (Karl Fischer Titration)	%	4.0-6.0%	5.0
Heavy Metals (as Pb)	ppm	5ppm, max	<5

Additional Information

Certified by:



Mr. Seth Christopher.
Quality Manager – Ward Hill

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.