

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	BP656
Lot Number	255099
Description	D-GALACTOSE
CAS Number	59-23-4
Quality Test/Release Date	27/Jan/2026
Suggested retest date	31/Mar/2029
Country of Origin	Italy
Declaration of Origin	Animal - Bovine
BSE/TSE	Galactose is manufactured from Lactose from certified healthy sources. Other than the Lactose, no materials of animal origin are used or come into contact with Galactose.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White to off white powder.
ASSAY	%	>= 98	100
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
MELTING POINT	DEGREES CELSIUS	Inclusive Between 166 - 171	167.6
SPECIFIC ROTATION @ 25 C	DEGREES (+ OR -)	Inclusive Between 78.2 - 82.2	78.8
THIN LAYER CHROMOTOGRAPHY		= One spot	One spot

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.