

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	BP164
Lot Number	252772
Description	AGAROSE HIGH GELLING TEMPERATURE
CAS Number	9012-36-6
Quality Test/Release Date	05/Jun/2025
Suggested retest date	31/Oct/2029
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	White solid without any black specs. Should not contain any big lumps in the bottle.
DNASE	DETECTED/NOT DETECT.	= NOT DETECTED	NOT DETECTED
ELECTROENDOSMOSIS		<= 0.1	0.07
ELECTROPHORESIS	PASS/FAIL	= PASS TEST	PASS TEST
GEL STRENGTH	G/CM^2	>= 800	1288
GELATION TEMPERATURE	DEGREES CELSIUS	Inclusive Between 40.5 - 43.5	41.0
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
RNASE	DETECTED/NOT DETECT.	= NOT DETECTED	NOT DETECTED
SULFATE (SO4)	%	<= 0.3	0.07



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.