

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	BP1423
Lot Number	254821
Description	AGAR
CAS Number	9002-18-0
Quality Test/Release Date	12/Nov/2025
Suggested retest date	30/Nov/2028
Country of Origin	Mexico
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 to pale beige flakes
ASH	%	< 6.5	5.49
Colorimetry (430 nm)		< 0.200	0.138
GEL MELTING TEMPERATURE (1.5% SOL)	Celsius	Inclusive Between 83 - 87	86.9
GEL POINT (1.5% GEL)	Celsius	Inclusive Between 33 - 38	33.7
GEL STRENGTH (1.5% GEL)	G/CM ²	Inclusive Between 550 - 800	800
LOSS ON DRYING	%	< 15.0	10.19
PH AFTER AUTOCLAVING AT 1.5 % SOLUTION		Inclusive Between 5.5 - 7.5	6.5
PH BEFORE AUTOCLAVING AT 1.5 % SOLUTION		Inclusive Between 5.5 - 7.5	7.3
TRANSPARENCY 1.5%	NTU	< 7.5	6.6



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.