

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

Catalogue Number	BP9744
Lot Number	14255-15624
Description	Agar,granulated
CAS Number	9002-18-0
Quality Test/Release Date	02/Apr/2025
Suggested retest date	02/Apr/2029
Country of Origin	UNITED STATES OF AMERICA
Declaration of Origin	plant
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
Appearance (Color)		White to cream	White to cream
Appearance (Form)		Granules	Granules
Particle size	mm	1 to 2	1 to 2
Moisture	%	≤15	7.8
pH		6.0 to 8.0 (1.5 % solution)	6.1 (1.5 % solution)
Water absorption	ml	≤75	≤75
Ash	%	≤6.5	2.6
Gel point		33°C to 38°C	35°C
Gel strength	g/cm ²	600 to 1100 (1.5 % at 20°C)	960 (1.5 % at 20°C)
Melting point		88°C to 96°C	91°C
Viscosity	cP	≤30 (1.5 % at 60°C)	≤30 (1.5 % at 60°C)
Microbial contamination	CFU/g	≤1000 (Total plate count)	≤1000 (Total plate count)
Microbial contamination	CFU/g	≤100 (Moulds and yeasts)	≤100 (Moulds and yeasts)
Microbial contamination		(E. Coli) Negative	(E. Coli) Negative

Geert Torfs
Supervisor, QC

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.