

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 Inc.
Certificate Number. 951001163

Catalogue Number	J61887
Lot Number	S07L011
Description	Alginate acid sodium salt, high viscosity
CAS Number	9005-38-3
Quality Test/Release Date	09/Jun/2025
Suggested retest date	09/Jun/2028
Country of Origin	China
Declaration of Origin	Plant
BSE/TSE	Vegetable:Giant kelp

Result Name	Units	Specifications	Test Value
Assay (special)		Total bacterial counts: ≤10000 cfu/g	Conforms
Assay (special)		Coliforms:≤10 cfu/g	Conforms
Assay (special)	ppm	Arsenic: ≤3 ppm	≤<2
Assay (special)	ppm	Lead: ≤5 ppm	≤<5
Appearance (Color)		White	White
Form		Powder	Powder
Loss on Drying	%	≤15.0%	13.2
pH		6.0 to 8.0 (1% solution)	6.7
Particle Size		min 95.0% through 180 µm (80 Ms)	Conforms
Viscosity	mPa's	1000 to 1500 mPa's (1% solution)	1270



John Astarita
Director, Quality

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.