Thermo Fisher Scientific
Ward Hill, MA-Sites
30 Bond Street Ward Hill MA 01835
220 Neck Road Ward Hill MA 01835
38 Shelley Road Ward Hill MA 01835

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	J62869
Lot Number	Q07M018
Description	L-Asparagine monohydrate, Cell Culture Reagent
CAS Number	5794-13-8
Quality Test/Release Date	08/Apr/2026
Suggested retest date	08/Apr/2029
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Assay (unspecified)	%	98.5-101.0%	100.2
Appearance (Color)		White	White
Form		Crystals or crystalline powder	Crystalline powder
Residue on ignition	%	≤0.1%	0.04
Loss on Drying	%	11.5-12.5%	12.1
Optical Rotation	°	+34.2° to +36.5°	+34.9
Heavy Metals (as Pb)	ppm	≤10 ppm	<5
pH		4.4-6.4	4.7



Derek Roy
Quality Manager, LCD

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.