

## 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	J61875
Lot Number	Q16L022
Description	Papain, Carica Papaya Latex
CAS Number	9001-73-4
Quality Test/Release Date	16/Apr/2025
Suggested retest date	16/Apr/2030
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Form		Lyophilized	Lyophilized
Unit definition		One unit hydrolyzes one micromole of benzoyl-L-arginine ethyl ester per minute at 25° C, pH 6.2, after activation in a solution containing 1.1 mM EDTA, 0.067 mM beta mercaptoethanol and 5.5 mM cystein	Conforms
units/mgP	u/mgP	Activates to at least 15.0 units per mg protein	21.9

*John Astarita*

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.