

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	41707
Lot Number	A0451115
Description	Pepsin,for biochemistry,powder
CAS Number	9001-75-6
Quality Test/Release Date	09/Mar/2025
Suggested retest date	09/Mar/2027
Country of Origin	CHINA
Declaration of Origin	porcine
BSE/TSE	prepared from porcine gastric mucosa contains lactose excipient

Result Name	Units	Specifications	Test Value
Appearance (Color)		White to light yellow	Light yellow
Appearance (Form)		Powder	Powder
Infrared spectrum		Conforms	Conforms
Assay	Ph. Eur. U/mg	≥ 0.5 (Activity)	0.58 (Activity)
Assay		Hemoglobin, pH 1.6, 25°C	Hemoglobin, pH 1.6, 25°C
Loss on drying	%	≤ 5.0 (60°C, 4 h, 670) (P2O5)	3.4 (60°C, 4 h, 670) (P2O5)
Sulfated ash	%	≤ 5.0 (800°C)	0.3 (800°C)
pH		3.0 to 5.0 (2 % in water)	3.8 (2 % in water)
Microbial contamination		Passes test	Passes test
Additional info		Contains either Lactose or Maltodextrin excipient	Contains Maltodextrin excipient



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.