

Certificate of Analysis

Product Name : Pepsin from porcine gastric mucosa powder, ≥ 250 units/mg solid
Product Number : P7000-25G
Batch Number : 0000467371
Source Batch : 0000447287
CAS Number : 9001-75-6
MDL Number : MFCD00081840
Storage Temperature : +2°C to +8°C
Formula Weight : 35,000 g/mol
Recommended Retest Date : Nov 2026
Quality Release Date : 22 May 2025

Test	Specification	Result
Appearance (Color)	Off White to Yellow to Beige	Faint Beige
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
1 mg/mL, 0.01N HCl		
units/mg Solid	≥ 250	541
One unit will produce a change in A280 of 0.001 per min at pH 2.0 at 37 Deg C, measured as TCA-soluble products using hemoglobin as substrate.(final volume= 8 mL. Light path= 1 cm)		
Loss on Drying	$\leq 4 \%$	2 %



Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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