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## Certificate of Analysis

Product Name:

Pepsin from porcine gastric mucosa - lyophilized powder, 3,200-4,500 units /mg protein

**Product Number:** P6887  
**Batch Number:** SLCG3089  
**Brand:** SIGMA  
**CAS Number:** 9001-75-6  
**MDL Number:** MFCD00081840  
**Formula Weight:** 35,000 g/mol  
**Storage Temperature:** Store at -20 °C  
**Quality Release Date:** 01 MAY 2020  
**Recommended Retest Date:** APR 2021

Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
% Protein (UV)	70 - 100	88
units/mg Protein	3200 - 4500	3822
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 substrate using hemoglobin as substrate. (Final volume = 16 mL, Light Path = 1 cm)		



Brian Dulle, Supervisor  
Quality Assurance  
St. Louis, Missouri 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. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.