

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Pepsin from porcine gastric mucosa - powder, ≥ 250 units/mg solid

Product Number: **P7000**
CAS Number: 9001-75-6
MDL: MFCD00081840

Formula Weight: 35,000 g/mol
Storage Temperature: 2 - 8 °C

TEST	Specification
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Appearance (Color)	Off White to Yellow to Beige
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear to Slightly Hazy
1 mg/mL, 0.01N HCl	
units/mg Solid	≥ 250
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= 16 mL. Light path= 1 cm)	
Recommended Retest Period	-----
2 years	
Loss on Drying	$\leq 4 \%$

Specification: PRD.4.ZQ5.10000009124

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.