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Product Specification

Product Name:

Insulin from porcine pancreas - powder, ≥ 27 USP units/mg

Product Number: I5523
CAS Number: 12584-58-6
MDL: MFCD00131380
Formula: C₂₅₆H₃₈₁N₆₅O₇₆S₆
Formula Weight: 5,777.54 g/mol
Storage Temperature: -20 °C

TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
5 mg/ml, 0.01 M HCl	
Loss on Drying	$\leq 10\%$
Potency	≥ 27 USP/mg
(anhydrous)	
Nitrogen (anhydrous)	15.0 - 16.0 %
Zinc (anhydrous)	0.20 - 0.70 %

Specification: PRD.0.ZQ5.10000050526

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.