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Product Specification

Product Name:
Insulin human – recombinant, expressed in yeast (proprietary host)

Product Number: I2643
CAS Number: 11061-68-0
MDL: MFCD00131380
Formula: C257H383N65O77S6
Formula Weight: 5,807.57 g/mol
Storage Temperature: -20 °C

TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity) 20 mg/ml ,0.01 M HCl	Clear
Loss on Drying	≤ 10.0 %
Zinc (Zn) (dried basis)	≤ 1.0 %
Purity (HPLC)	≥ 98 %
Potency for Insulin (dried basis)	≥ 27.5 UN/mg

Specification: PRD.0.ZQ5.10000029644

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.