

Certificate of Analysis

Date of Testing: 2023-10-07 13:19:49

Date of Next Testing: 2027-10-06 13:19:49

Product Name: **Insulin from porcine pancreas**

CAS Number: 12584-58-6

Specifications & Purity: ≥ 27 USP units/mg

Lot #: I2321515

SKU #: **I113907**

Analysis: **274846**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Potency(Biological Activity)	≥ 27 (units/mg)	27.30 units/mg
Nitrogen by Elemental Analysis	15-16 (%)	15.60 %
Loss on drying	0-10 (%)	5.80 %
Zinc(Zn)(Anhydrous)	0-1 (%)	0.91 %
Solubility in 0.01 N HCl	Colorless Clear , 5 mg plus 1 ml	Colorless Clear , 5 mg plus 1 ml
Appearance (I113907)	White to Off-White Powder	White to Off-White Powder



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