

Certificate of Analysis

Date of Testing: 2023-11-06 16:30:31

Date of Next Testing: 2027-11-05 16:30:31

Product Name: **Insulin from porcine pancreas**

CAS Number: 12584-58-6

Specifications & Purity: ≥ 27 USP units/mg

Lot #: K2303218

SKU #: **I113907**

Version: **0**

Analysis #: **289911**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Potency(Biological Activity)	≥ 27 (units/mg)	27.80 units/mg
Nitrogen by Elemental Analysis	15-16 (%)	15.30 %
Loss on drying	0-10 (%)	6.30 %
Zinc(Zn)(Anhydrous)	0-1 (%)	0.20 %
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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