

Certificate of Analysis

Date of Testing: 2024-07-13 08:56:18

Date of Next Testing: 2028-07-12 08:56:18

Product Name: **Insulin from porcine pancreas**

CAS Number: 12584-58-6

Specifications & Purity: ≥ 27 USP units/mg

Lot #: G2404502

SKU #: **I113907**

Version: **0**

Analysis #: **327345**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Zinc(Zn)(Anhydrous)	0-1 (%)	0.60 %
Potency(Biological Activity)	≥ 27 (units/mg)	28.10 units/mg
Loss on drying	0-10 (%)	7.24 %
Nitrogen by Elemental Analysis	15-16 (%)	15.61 %
Appearance (I113907)	White to Off-White Powder	White to Off-White Powder
Solubility in 0.01 N HCl	Colorless Clear , 5 mg plus 1 ml	Colorless Clear , 5 mg plus 1 ml



John Su
QA & QC Manager