

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-13 18:58:51
 Date of Next Testing: 2029-08-12 18:58:51
 Product Name: **Insulin from porcine pancreas**
 CAS Number: 12584-58-6
 Specifications & Purity: ≥ 27 USP units/mg
 Lot #: H2512594
 SKU #: **I113907**
 Version: **0**
 Analysis #: **548905**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Zinc(Zn)(Anhydrous)	0-1 (%)	0.30000 %
Potency(Biological Activity)	≥ 27 (units/mg)	27.20000 units/mg
Nitrogen by Elemental Analysis	15-16 (%)	15.70000 %
Loss on drying	0-10 (%)	4.70000 %
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