

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-10 12:01:21  
 Date of Next Testing: 2029-08-09 12:01:21  
 Product Name: **Insulin from porcine pancreas**  
 CAS Number: 12584-58-6  
 Specifications & Purity:  $\geq 27$  USP units/mg  
 Lot #: H2505396  
 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)   | $\geq 27$ (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