

## Certificate of Analysis

Date of Testing: 2025-05-17 11:12:57

Date of Next Testing: 2029-05-16 11:12:57

Product Name: **Insulin from porcine pancreas**

CAS Number: 12584-58-6

Specifications & Purity:  $\geq 27$  USP units/mg

Lot #: E2512031

SKU #: **I113907**

Version: **0**

Analysis #: **289911**

Storage Temperature: Store at -20°C

| Parameter                      | Limit Values                     | Result                           |
|--------------------------------|----------------------------------|----------------------------------|
| Potency(Biological Activity)   | $\geq 27$ (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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