

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-15 11:18:15
 Date of Next Testing: 2028-10-14 11:18:15
 Product Name: **Insulin(human)**
 CAS Number: 11061-68-0
 Specifications & Purity: BioReagent
 Lot #: I2526368
 SKU #: **I302196**
 Version: **2**
 Analysis #: **579017**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Sulfated Ash	≤2.5 (%)	0.90000 %
Zn(dry basis)	≤1 (%)	0.40000 %
Microbial Limit	≤300 (cfu/g)	125.36000 cfu/g
Bacterial endotoxins	< 10 (EU/mg)	2.53000 EU/mg
Purity (dry basis)	95-105 (%)	102.60000 %
Drying loss	≤10 (%)	2.30000 %
High molecular protein	≤1 (%)	0.80000 %
Bacterial protein residue	≤10 (mg/g)	10.00000 mg/g
Potency(Biological Activity)	≥15 (units/mg)	15.00000 units/mg
Appearance(I302196)	White to off-white Powder	White to Off-White Powder



John Su
QA & QC Manager