

## Insulin(cattle)

---

Cat. No.: HY-P1156  
CAS No.: 11070-73-8  
Batch No.: 373224  
Chemical Name: Insulin(cattle)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight: 5800 (Approximately)  
Storage: Sealed storage, away from moisture  
Powder -80°C 2 years  
-20°C 1 year  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

## Insulin(cattle)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
A21 Deamination insulin: 0.3%  
Other related proteins: 3.3%  
Macromolecular protein: 0.5%  
Loss On Drying: 7.1%  
Zn: 0.4%  
Ether: 0.00004%  
Ethanol: 0.01%  
Acetone: 0.01%  
Biological Activity: 27 u/mg  
Content determination: The dry titer was 27 u/mg; Dry content 96.6%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA