

Datasheet

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Insulin from Bovine Pancreas

Catalogue No.: abx082234

Insulin from Bovine Pancreas is a native peptide.

Appearance: White to off-white powder

Solubility: Colorless (Color), Clear (Turbidity, 2 mg/ml in H₂O adjusted to pH 2.0 with HCl)

Target:	Insulin
Origin:	Cow
Expression:	Native
Host:	Cow
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	Loss on drying: ≤ 10% Nitrogen (dry basis): 14.5-16.5% Zinc (dry basis): ≤ 1.0%
Reconstitution:	Reconstitute in distilled water.
Storage:	Store at -20 °C. Avoid freeze/thaw cycles.
Molecular Weight:	5.73 kDa
Molecular Formula:	C ₂₅₄ H ₃₇₇ N ₆₅ O ₇₅ S ₆
Buffer:	Not applicable.
CAS Number:	11070-73-8
Biological Activity:	≥ 25 USP units/mg dry basis (HPLC)
Endotoxin Level:	≤ 0.5 EU/mg
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.