Creative Enzymes®

# Bovine Insulin

*Cat. No. NATZ-121*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | Insulin is used as a growth factor in many mammalian cell culture systems.Insulin has low solubility at neutral pH. It can be solubilized at 2 mg/ml in dilute acetic or hydrochloric acid, pH 2-3. |
| ***Applications*** | Cell culture grade insulin |

## Product Information

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|---|---|
| ***Source*** | bovine pancreas |
| ***Form*** | Powder |
| ***CAS No.*** | 11070-73-8 |
| ***Molecular Formula*** | C254H377N65O75S6 |
| ***Molecular Weight*** | 5733.49 |
| ***Activity*** | ≥25 USP units per mg |
| ***Solubility*** | acetic acid: 2 mg/mL (pH: 2-3) hydrochloric acid: 2 mg/mL (pH: 2-3) |

## Storage and Shipping Information

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|---|---|
| ***Storage*** | -20°C |