



Certificate of Analysis

10 Old Barn Road • Lake Placid, NY 12946
Technical Support: T: 800 548-7853 • F: 518 523-4513
email: techserv@upstate.com
Sales Department: T: 800 233-3991 • F: 781 890-7738
Licensing Dept.: 800 310-4659
www.upstate.com

Insulin

(Arg-Insulin)

Catalog # 01-207

Lot # 26531

Product Description: Recombinant human insulin, containing an additional Arg at the N-terminus, expressed in *E. coli*.

Molecular Formula: C₂₆₃H₃₉₅N₆₉O₇₈S₆

Molecular Weight: 5963.8Da.

Purity: > 95% as determined by HPLC analysis.

Quantity: 10mg.

Physical Form: White powder.

Rehydration: Rehydrate to 1mg/ml with 0.1N hydrochloric acid for a clear colorless solution.

Storage and Stability: Store desiccated. Stable for 2 years at -20°C from date of shipment.

**FOR RESEARCH USE ONLY
NOT FOR USE IN HUMANS**

Research Applications

This product can be used to replace human or bovine insulin in mammalian cell culture, however it has approximately one-third the binding capacity to human placental insulin receptors.