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Product Specification

Product Name:Insulin from bovine pancreas - γ -irradiated, BioXtra, suitable for cell culture, potency: ≥ 20 units/mg (USP units), lyophilized powder**Product Number:****I1882****CAS Number:**

11070-73-8

MDL:

MFCD00131380

Formula:

C254H377N65O75S6

Formula Weight:

5,733.49 g/mol

Storage Temperature:

-20 °C

TEST	Specification
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Appearance (Color)

White to Off White

Appearance (Form)

Lyophilized Powder

Solubility (Color)

Colorless to Faint Yellow

Solubility (Turbidity)

Clear

1 vial plus 10 ml of a solution of 10 ml of Water and 100 μ L of Acetic Acid

Sterility (Direct Inoculation)

Negative

Potency

 ≥ 20

Expressed in USP units/mg (2000 un/100 mg Vial by HPLC)

Water (by Karl Fischer)

 $\leq 10\%$

Cell Culture Test

Pass

2 of 3 Cell lines must be $> 50\%$ of control

Sterilized (Gamma Irradiated)

Pass

Dose 25.0 to 35.0 KGY

Specification: PRD.2.ZQ5.10000061015

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

