

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

Insulin solution from bovine pancreas - 10 mg/mL insulin in 25 mM HEPES, pH 8.2, BioReagent, sterile-filtered, suitable for cell culture

**Product Number:** I0516

MDL: MFCD00131380

Formula Weight: 5,734.00 g/mol

Storage Temperature: 2 - 8 °C

TEST	Specification
Appearance (Turbidity)	Clear
Appearance (Color)	Colorless
Appearance (Form)	Solution
pH	7.9 - 8.5
Endotoxin Level	≤ 50 EU/ml
Cell Culture Test	Pass
Insulin Concentration by HPLC	9.5 - 10.5 mg/ml
Sterility by USP guidelines	Negative

Specification: PRD.0.ZQ5.10000038192

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](http://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.