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Product Specification

Product Name:

Protein Disulfide Isomerase from bovine liver - >95% (SDS-PAGE), ≥100 units/mg protein, lyophilized powder

Product Number:

P3818

CAS Number:

37318-49-3

Formula Weight:

107,000 AMU

TEST

Specification

Appearance (Form)	Lyophilized Powder
Appearance (Colour)	White to Tan
Protein Content (Method)	Lowry
Prot. Content (% Protein)	5.00 - 20.00 %
Enzym. Assay (Spec. Activity)	≥ 100.00 U/mgP
Gel Electroph. (Gel)	SDS-Page
Gel Electroph. (Stain)	Coomassie
Gel Electroph. (Description)	1 Major Band
Gel Electroph. (Purity)	≥ 95.0 %
Storage Conditions	Under Argon
Unit Definition	-----
One unit cause a change in A650 of 0.01 per min of a 1.0 mg/mL solution of insulin in the presence of dithiothreitol at pH 7.5 at 25 °C.	
Recommended Retest Period	-----
3 Years	

Specification: PRE.2.ZQ5.10000004315

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.