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Product Specification

Product Name:

Superoxide Dismutase bovine - recombinant, expressed in E. coli, lyophilized powder, ≥ 2500 units/mg protein, $\geq 90\%$ (SDS-PAGE)

Product Number:

S9697

CAS Number:

9054-89-1

Formula Weight:

32,000 AMU

TEST	Specification
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Protein by Biuret

 $\geq 50\%$

units/mg Protein

 ≥ 2500

Unit Definition: One unit will inhibit the rate of reduction of cytochrome C by 50% in a coupled system using xanthine and xanthine oxidase at pH 7.8 at 25 Deg C in a 3.0 mL reaction volume with a xanthine oxidase concentration that will cause a change in absorbance of 0.025 per minute at 550 nm.

Purity by SDS-PAGE

 $\geq 90\%$

Specification: PRE.0.ZQ5.10000020832

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.