Product Name: Superoxide Dismutase from bovine erythrocytes - lyophilized powder, ≥3,000 units/mg protein

Test | Specification | Result
--- | --- | ---
% Protein (Biuret) | ≥ 95 | 100
units/mg Protein | ≥ 3000 | 5441

Enzymatic Activity
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 min at 550 nm.

Carolyn Baird, Supervisor
Quality Assurance
St. Louis, Missouri US

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.