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Product Specification

Product Name:

Nitric Oxide Synthase, Endothelial bovine - recombinant, expressed in baculovirus infected Sf9 cells, buffered aqueous solution

Product Number: **N1533**

MDL: MFCD00803055

Storage Temperature: -70 °C

TEST	Specification
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mg protein/ml	≥ 5
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units/mg protein	≥ 0.3
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Unit definition: One unit of enzyme produces 1 nmole of nitric oxide per minute at 37 °C in 50 mM HEPES, pH 7.4, containing 5 uM oxyhemoglobin, 1 mM CaCl₂, 20 ug/ml calmodulin, 0.1 mM NADPH, 50 uM arginine, 12 uM tetrahydrobiopterin, and 170 uM DTT.

Specification: PRD.1.ZQ5.10000023335

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.