Product Name: Nitric Oxide Synthase, Inducible from mouse - recombinant, expressed in E. coli, buffered aqueous solution

Product Number: N2783
Batch Number: SLCC0202
Brand: SIGMA
MDL Number: MFCD00803363
Storage Temperature: Store at -70 °C
Quality Release Date: 01 MAR 2019

<table>
<thead>
<tr>
<th>Test</th>
<th>Specification</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protein by Bradford</td>
<td>&gt; 1 mg/ml</td>
<td>15 mg/ml</td>
</tr>
<tr>
<td>Enzymatic Activity</td>
<td>&gt; 4.0 UN/mg</td>
<td>20.1 UN/mg</td>
</tr>
</tbody>
</table>

Unit Definition: One unit will produce 1.0 umol of nitric oxide per minute at 37 deg C in 50 mM HEPES, pH 7.4, containing 1 mM Arginine, 1 mM magnesium acetate, 0.15 mM NADPH, 4.5 mM oxyhemoglobin, 18 uM tetrahydrobiopterin and 180 uM DTT.

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.