



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-275010  
Lot Number: SAMPLE  
Product Name: 2-Methyl-2-nitro-1,3-propanediol  
CAS Number: 77-49-6  
Molecular Formula:  $C_4H_9NO_4$   
Molecular Weight: 135.12

| Test                        | Specification                       | Result                      |
|-----------------------------|-------------------------------------|-----------------------------|
| Purity (Elemental Analysis) | $\geq 98.0\%$ (with total nitrogen) | 100.5%(with total nitrogen) |
| Melting Point               | 154 - 158 °C                        | 156.7 °C                    |
| Solution (Clarity)          | Very faint turbidity in water       | Transparency in water       |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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