

## Certificate of Analysis

Date of Testing: 2022-12-14 10:11:44  
Date of Next Testing: 2026-12-13 10:11:44  
Product Name: **2-Methyl-2-nitro-1,3-propanediol**  
CAS Number: 77-49-6  
Specifications & Purity: >98.0%(GC)  
Lot #: L2209124  
SKU #: **M158752**  
Analysis: **168188**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.01 %
Melting point	154-158 (°C)	155.68000 °C
Appearance (M158752)	white to pale yellow crystal	white to pale yellow crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency



John Su  
QA & QC Manager