

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-20 13:20:15

Date of Next Testing: 2027-07-19 13:20:15

Product Name: **2-Methyl-2-nitro-1,3-propanediol**

CAS Number: 77-49-6

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: G2313996

SKU # **M158752**

Version **0**

**Analysis #:** **195494**

Storage Temperature: Room temperature

| Parameter                      | Limit Values                 | Result                       |
|--------------------------------|------------------------------|------------------------------|
| Purity(GC)                     | 98-100 (%)                   | 98.10000 %                   |
| Melting point                  | 154-158 (°C)                 | 157.90000 °C                 |
| Appearance (M158752)           | white to pale yellow crystal | white to pale yellow crystal |
| Proton NMR spectrum            | Conforms to Structure        | Conforms to Structure        |
| Solubility in H <sub>2</sub> O | Almost transparency          | almost transparency          |



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QA & QC Manager