# **Certificate of Analysis**

## Nitrilotriacetic acid

 Cat. No.:
 HY-W030778

 CAS No.:
 139-13-9

 Batch No.:
 105668

Chemical Name: Glycine, N,N-bis(carboxymethyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_6H_9NO_6$  Molecular Weight: 191.14

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

#### **Chemical Structure:**

#### **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

 Purity (NMR):
 ≥97.0%

 Water(KF):
 0.02%

 Residue on Ignition:
 0.02%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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