# MCE MedChemExpress

## **Certificate of Analysis**

## **EDTA** (dipotassium dihydrate)

 Cat. No.:
 HY-D0836

 CAS No.:
 25102-12-9

 Batch No.:
 149684

Chemical Name: Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, potassium salt, hydrate (1:2:2)

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{18}K_2N_2O_{10}$ 

Molecular Weight: 404.45

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$HO \longrightarrow N \longrightarrow OH$$
 $O \longrightarrow OH$ 
 $O \longrightarrow OH$ 
 $O \longrightarrow OH$ 

### **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): ≥99.0%

**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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