# **Certificate of Analysis**

## L-Threonic acid (magnesium)

Cat. No.: HY-134240 CAS No.: 778571-57-6 Batch No.: 155993

**Chemical Name:** Magnesium, bis[(2R,3S)-2,3,4-trihydroxybutanoato-κΟ,κΟ']-, (T-4)-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_8H_{14}MgO_{10}$ Molecular Weight: 294.50

Storage: 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

#### **Chemical Structure:**

### **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

Purity: ≥99.0% Loss on Drying: 0.91% PH: 7.2 **Chlorides:** ≤0.5% **Heavy Metals:** ≤10 ppm Arsenic(As): 1.5 ppm Mercury(Hg): 0.2 ppm Cadmium(Cd): 0.3 ppm Lead(Pb): 1.0 ppm Mg (per 100g): 8.1g

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA