

## 7-3 Magnesium Citrate

### I. Product Overview

**Product Name:** Magnesium Citrate

**Category:** Citrate Salt

**CAS Number:** 144-23-0

**Molecular Formula:**  $\text{Mg}_3\text{C}_{12}\text{H}_{10}\text{O}_{14}$

**Packing Specifications:** 25 kg/bag

**Minimum Order Quantity:** 500 kg

**Quality Standards:** HACCP, Kosher, Halal, ISO



### II. Product Specifications

Item	Specification
Magnesium Citrate Content (Dry Basis)	14.0-16.5%
Calcium (Ca)	≤1.0%
Sulfate ( $\text{SO}_4^{2-}$ )	≤0.02%
Heavy Metals (as Pb)	≤0.005%
Iron (Fe)	≤0.05%
Lead (Pb)	≤0.0001%
Chloride ( $\text{Cl}^-$ )	≤0.005%
Loss on Drying	≤29.0%
Arsenic (As)	≤0.0003%
Appearance	White granular or crystalline powder

### III. Applications

- Used in pharmaceuticals, food products, and daily chemicals.

### IV. Storage Conditions

Magnesium citrate should be stored in a cool, dry, and ventilated place, away from direct sunlight and high temperature and humidity environments. The storage temperature should

not exceed 30°C. The packaging should be intact to prevent the product from getting damp and spoiled.

Bespring Chemical