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# SPECIFICATION SHEET

## Magnesium Citrate Anhydrous 15% Magnesium

| | | | |
|---|---|---|---|
| **Product Name** | Magnesium Citrate Anhydrous | **CAS No.** | 3344-18-1 |
| **Molecular Formula** | C12H10Mg3O14 | **Molecular Weight** | Not applicable |

| Test Item | Specification | Test Method |
|---|---|---|
| Appearance | Light yellow powder | Visual |
| Odor & Taste | Characteristic | Organoleptic |
| Particle Size | NLT 90% through 60 mesh | USP<786> |
| Identification | Corresponding with RS | TLC |
| Magnesium (on dried basis) | ≥ 15.0% | HPLC |
| Loss on Drying | ≤ 5.0% | USP<731> |
| Lead (Pb) | ≤ 0.5 ppm | ICP-MS |
| Arsenic (As) | ≤ 0.5 ppm | ICP-MS |
| Cadmium (Cd) | ≤ 0.5 ppm | ICP-MS |
| Mercury (Hg) | ≤ 0.1 ppm | ICP-MS |
| Standard Plate Count | ≤ 1,000 cfu/g | USP<2021> |
| Total Yeast & Mold | ≤ 100 cfu/g | USP<2021> |
| E. coli | Negative | USP<2022> |
| Salmonella | Negative | USP<2022> |
| Staphylococcus aureus | Negative | USP<2022> |

**Storage:** Store in tightly sealed and preferably full containers in cool, dry and ventilated area.

**Shelf Life:** 24 months under above conditions, and kept in its unopened original packaging.

Prepared by: Mia Yu  Approved by: Charlie Wang  Date: Sep. 07, 2026