

Specification

Item number: 3260

tri-Magnesium citrate nonahydrate

Ph. Eur., USP

CAS No.: 153531-96-5

print date: 01.01.2024

formula: $C_{12}H_{10}Mg_3O_{14} \cdot 9 H_2O$

density:

molecular weight: 613,25 g/mol

Guarantee analysis

| | |
|---|---------------------------|
| Appearance | white to off-white powder |
| Assay (metal based, dry substance, 135 °C) | 14.5-16.4 % |
| Assay (metal based, dry substance, 180 °C) | 15.0-16.5 % |
| Identity | complies |
| Appearance of solution | complies |
| pH-value (5 % in H₂O) | 6.0-8.5 |
| Oxalate (C₂O₄) | ≤0.028 % |
| Chloride (Cl) | ≤0.05 % |
| Sulphate (SO₄) | ≤0.2 % |
| As (Arsenic) | ≤0.0003 % |
| Ca (Calcium) | ≤0.2 % |
| Fe (Iron) | ≤0.01 % |
| Loss on drying (180 °C) | 24.0-28.0 % |
| Loss on drying (135 °C) | ≤29.0 % |

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

Dr. R. Niemand

Head of Quality Assurance

S. Lorsee

Head of Quality Management

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