

Specification

Item number: 3260

tri-Magnesium citrate nonahydrate

Ph. Eur., USP

CAS No.: 153531-96-5

print date: 14.08.2025

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 H ₂ O)	6.0-8.5
Oxalate (C ₂ O ₄)	≤0.028 %
Chloride (Cl)	≤0.05 %
Sulphate (SO ₄)	≤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

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Head of Quality Management

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