

# Specification

Item number: 2798

tri-Magnesium citrate

**Ph. Eur., USP, anhydrous**

CAS No.: 3344-18-1

print date: 01.01.2024

formula:  $C_{12}H_{10}Mg_3O_{14}$

density: 2

molecular weight: 451,13 g/mol

## Guarantee analysis

<b>Appearance</b>	white to off-white powder
<b>Assay (Mg)</b>	15.0-16.4 %
<b>Identity</b>	complies
<b>Appearance of solution</b>	complies
<b>pH-value (5 % in H<sub>2</sub>O)</b>	6.0-8.5
<b>Oxalate (C<sub>2</sub>O<sub>4</sub>)</b>	≤0.028 %
<b>Chloride (Cl)</b>	≤0.05 %
<b>Sulphate (SO<sub>4</sub>)</b>	≤0.2 %
<b>Ca (Calcium)</b>	≤0.2 %
<b>Fe (Iron)</b>	≤0.01 %
<b>Loss on drying (180 °C)</b>	≤3.5 %
<b>Loss on drying (135 °C)</b>	≤2.0 %

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*

*This document is computer printout and has therefore not been signed by hand.*

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