

# Specification

Item number: 3958

Citric acid monohydrate

≥99,5 %, p.a., ACS, ISO

CAS No.: 5949-29-1

print date: 01.01.2024

formula:  $C_6H_8O_7 \cdot H_2O$

density: 1,54

molecular weight: 210,14 g/mol

## Guarantee analysis

Content (acidim.)	≥99,5 %
In H <sub>2</sub> O insoluble matter	≤0,005 %
Ash content (as SO <sub>4</sub> )	≤0,02 %
Matter discoloured by sulphuric acid	complies
Chloride (Cl)	≤0,0005 %
Oxalate (C <sub>2</sub> O <sub>4</sub> )	≤0,05 %
Phosphate (PO <sub>4</sub> )	≤0,001 %
Sulphur compounds (as SO <sub>4</sub> )	≤0,002 %
Heavy metals (as Pb)	≤0,0005 %
Arsenic (As)	≤0,00001 %
Lead (Pb)	≤0,0002 %
Calcium (Ca)	≤0,002 %
Iron (Fe)	≤0,0003 %
Copper (Cu)	≤0,00005 %
Magnesium (Mg)	≤0,0005 %
Nickel (Ni)	≤0,0002 %

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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