

# Specification

Item number: 6490

## Citric acid

**≥99,5 %, Ph. Eur., anhydrous**

CAS No.: 77-92-9

print date: 01.01.2024

formula:  $C_6H_8O_7$

density: 1,67

molecular weight: 192,13 g/mol

### Guarantee analysis

<b>Appearance</b>	white or almost white crystalline powder or granular crystals
<b>Assay (dry substance)</b>	99.5-100.5 %
<b>Appearance of solution</b>	complies
<b>Identity</b>	complies
<b>Water</b>	≤0.5 %
<b>Sulphated ash</b>	≤0.05 %
<b>Chloride (Cl)</b>	≤0.0005 %
<b>Sulphate (SO<sub>4</sub>)</b>	≤0.01 %
<b>Oxalate (as C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>)</b>	≤0.01 %
<b>Iron (Fe)</b>	≤0.0003 %
<b>Arsenic (As)</b>	≤0.0001 %
<b>Calcium (Ca)</b>	≤0.003 %
<b>Reaction with H<sub>2</sub>SO<sub>4</sub></b>	complies

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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