

# Specification

**Formula Hill:** C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>  
**Molar Mass:** 192,12 g/mol  
**CAS N°:** 77-92-9

Print Date: 07 February 2024

103900 Citric acid anhydrous, Ph. Eur., USP, FCC, JP

## Specifications

Assay (anhydrous substance)	99,5 - 100,5 %
Identity	conforms
Appearance	
- White, almost white or colourless	conforms
- Powder, crystals or granules	conforms
Appearance of solution	conforms
Clarity of the solution	conforms
Colour of the solution	conforms
Oxalate	≤ 0,0100 %
Sulfate (SO <sub>4</sub> )	≤ 0,0150 %
Oxalic acid	≤ 0,0360 %
Heavy metals (as Pb)	≤ 0,0010 %
Lead (Pb)	≤ 0,5 ppm
Readily carbonisable substances	conforms
Sulfated ash	≤ 0,05 %
Water by KF	≤ 0,5 %

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: Ph. Eur., USP, FCC, JP specification