

Technical Datasheet

Article no. 2417

Citric acid monohydrate puriss., Ph. Eur., USP, FCC, E330
99.7 – 100.3 % C₆H₈O₇

For laboratory use.

| Parameter | Value |
|--|---------------------------|
| Appearance | white, crystalline powder |
| Density | 1.54 g/cm ³ |
| Molar mass | 210.14 g/mol |
| Assay | 99.7 – 100.3 % |
| Identity | complies |
| Clarity of solution | complies |
| Colour of solution | complies |
| Conduct towards sulphuric acid | complies |
| Water | 7.5 – 8.8 % |
| Arsenic (As) | max. 1 mg/kg |
| Calcium (Ca) | max. 30 mg/kg |
| Iron (Fe) | max. 3 mg/kg |
| Lead (Pb) | max. 0.5 mg/kg |
| Mercury (Hg) | max. 0.5 mg/kg |
| Heavy metals | max. 5 mg/kg |
| Oxalate (C ₂ O ₄) | max. 100 mg/kg |
| Chloride (Cl) | max. 5 mg/kg |
| Sulphate (SO ₄) | max. 100 mg/kg |
| Sulphated ash | max. 0.5 % |
| Residue on ignition | max. 0.5 % |
| Sieving > 0.63 mm (Mesh 25) | max. 10 % |
| Sieving < 0.20 mm (Mesh 100) | max. 10 % |