

Technical Datasheet

Article No. 2432

Citric acid monohydrate p. a., ACS, ISO, Ph. Eur. (99.5 – 101 %)



For laboratory use.

Parameter	Value
Appearance	Colourless to white crystalline powder
Density (20 °C)	1.54 g/ml
Molar mass	210.14 g/mol
CAS-No.	5949-29-1
Assay	99.5 - 101 %
Water	±8 %
Calcium (Ca)	max. 0.005 %
Cooper (Cu)	max. 0.0005 %
Iron (Fe)	max. 0.0003 %
Lead (Pb)	max. 0.0002 %
Zinc (Zn)	max. 0.0005 %
Chloride (Cl)	max. 0.0005 %
Oxalate (C ₂ O ₄)	max. 0.005 %
Phosphate (PO ₄)	max. 0.001 %
Sulphate (SO ₄)	max. 0.002 %
Sulphated ash	max. 0.02 %
Carbonyl compounds	complies
Readily carbonizable substances	complies
Insoluble matter	max. 0.005 %
Residue after ignition	max. 0.02 %