

Technical Datasheet

Article No. 1328

tri-Sodium citrate dihydrate p. a., ACS, ISO, Ph. Eur.
min. 99.5 % $C_6H_5Na_3O_7 \times 2 H_2O$

For laboratory use.

Parameter	Value
Appearance	Colourless crystals or white, crystalline powder
Melting Point	150 °C
Density	1.98 g/ml
Mol.-Weight	294.10 g/mol
Insoluble matter in water	max. 0.005 %
pH (5 %, 25 °C)	7.5 – 9.0
Chloride (Cl)	max. 0.001 %
Phosphate (PO ₄)	max. 0.002 %
Sulphate (SO ₄)	max. 0.001 %
Ammonium (NH ₄)	max. 0.003 %
Heavy metals (as Pb)	max. 0.0005 %
Zinc (Zn)	max. 0.0005 %
Nitrogen (N)	max. 0.001 %
Cadmium (Cd)	max. 0.0005 %
Copper (Cu)	max. 0.0005 %
Lead (Pb)	max. 0.0002 %
Calcium (Ca)	max. 0.005 %
Iron (Fe)	max. 0.0005 %
Oxalate (C ₂ O ₄)	max. 0.02 %
Water	11 - 13 %
Readily carbonizable substances	complies