SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS	
Citric acid monohydrate AR/ACS	
CAS No	5949-29-1
Molecular Formula	C6H8O7.H2O
Molecular Weight	210.14
Product Code (500G)	700093G500
Grade	AR/ACS
Specification no	700093/R1/59
Effective date	19-01-2026
Review date	18-01-2031

TEST	SPECIFICATION
Description	Colourless or white solid
Aqueous Solubility	165 g in 100 ml at 20°C
Assay	99.0-102.0%
Insoluble matter	max 0.005%
Residue after ignition	max 0.02%
Chloride (Cl)	max 0.001%
Oxalate (C2O4)	passes test
Phosphate (PO4)	max 0.001%
Sulphur compounds (as SO4)	max 0.002%
Iron (Fe)	max 3ppm
Lead (Pb	max 2ppm
Substances carbonizable by hot sulphuric acid	Passes test

RYZE CHEMIE
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