SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS	
Sodium gluconate AR	
CAS No.	527-07-1)
Molecular Formula	C6H11NaO7
Molecular Weight	218.14
Product Code	700551G500
Grade	AR
Specification no.	S/0551/70/R1
Effective date	01/05/2026.
Review date	30/04/2031.

TEST	SPECIFICATION
Description	White to cream to pale yellow colour crystalline powder .
Solubility	10% solution in water is clear and colourless.
Assay	98.0 - 102.0%
pH of 10% soln in water	5.5 - 7.5
Specific rotation [a]D20 (C=10, in water)	+11.5° to +12.5°
Reducing substances.	max. 0.5%
Loss on drying at 105°C	max. 0.5%
Chloride (Cl)	max 0.02%
Sulphate (SO4)	max 0.02%
Heavy metal (as Pb)	max 0.002%