SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS	
Barium chloride dihydrate AR/ACS	
CAS No	10326-27-9
Molecular Formula	BaCl2.2H2O
Molecular Weight	244.28
Product Code (500G)	700044G500
Grade	AR/ACS
Specification no	700044/R1/49
Effective date	19-01-2026
Review date	18-01-2031

TEST	SPECIFICATION
Appearance	White solid
Aqueous Solubility	36 gm in 100 ml at 20°C
Assay	Min. 99.0%
Loss on drying	14.0-16.0%
pH(5% aq soln), at 25°C	5.2-8.2
Insoluble matter	max 0.005%
Oxidising substance (as NO3)	max 0.005%
Calcium (Ca)	max 0.05%
Potassium (K)	max 0.0025%
Sodium (Na)	max 0.005%
Strontium(Sr)	max 0.1%
Heavy metals	max 5 ppm
Iron(Fe)	max 2 ppm

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