SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS	
Calcium lactate AR	
CAS No.	5743-45-5
Molecular Formula	C6H10CaO6.5H2O
Molecular Weight	308.3
Product Code	700545G500
Grade	AR
Specification no.	S/0545/70/R1
Effective date	01/05/2026.
Review date	30/04/2031.

TEST	SPECIFICATION
Description	White odourless granules or powder.
Solubility	3% solution in water is clear and colourless.
Assay(on dried basis)	98.0 - 102.0%
Loss on drying at 120°C	22 – 27%
Acidity (as lactic acid)	max 0.45%
Alkalinity	Passes test.
Chloride (Cl)	max 0.02%
Sulphate (SO4)	max 0.04%
Arsenic (As)	max 0.0002%
Barium (Ba)	Passes test.
Iron (Fe)	max 0.005%
Heavy metals (as Pb)	max 0.001%