SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS

Sucrose AR

CAS No.	57-50-1
Molecular Formula	C12H22O11
Molecular Weight	342.3
Product Code	710374G500
Grade	AR
Specification no.	S/0374/71/R1
Effective date	01/05/2026.
Review date	30/04/2031.

TEST	SPECIFICATION
Description	Colourless crystals or white crystalline powder.
Specific optical rotation[α]25D	+66.3° to +66.8°
Insoluble matter	max 0.005%
Loss on drying at 105°C	max 0.05%
Titrable acid	max 0.0008 meq/g
Chloride (Cl)	max 0.005%
Sulphated ash	max 0.02%
Sulphate and Sulphite (as SO4)	max 0.005%
Heavy metal (as Pb)	max 0.0005%
Iron (Fe)	max 0.0005%
Reducing sugars (as glucose)	max 0.05%

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