SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS

ROSE BENGAL AR

CAS No.	632-69-9
Molecular Formula	C20H2.Cl4I4Na2O5
Molecular Weight	1017.65
Product Code	710574G005
Grade	AR
Specification no.	S/0574/71/R1
Effective date	01/05/2026.
Review date	30/04/2031.

TEST	SPECIFICATION
Description	Dark red to reddish brown colored powder
Identity (IR)	Passes test
Solubility (1 mg/mL in water)	Clear to slightly hazy red color solution
Absorption maxima (0.001% in water + 1 ml 1% Na2CO3 solution)	544 - 550 nm
Absorptivity (A 1%/1cm; at λmax)	Min 860.0
Dye content	Min 85.0%
Loss on drying (at 110°C)	Max 10.0%

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