SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS

Bromothymol blue Indicator AR

CAS No.	76-59-5
Molecular Formula	C27H28Br2O5S
Molecular Weight	624.4
Product Code	710066G005
Grade	AR
Specification no.	S/0066/71/R1
Effective date	01/05/2026.
Review date	30/04/2031.

TEST	SPECIFICATION
Description	Dark purple /pale purple/brown pink /black brown/buff or brown powder.
Solubility	Soluble in alcohol.
Transition range (pH 5.8 - 7.6)	Yellow to blue.
Absorption maxima (λmax)	
λ1(pH-5.8)	430 - 435nm
λ2(pH-7.6)	615 - 618nm