



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Bromophenol blue

Molecular Formula	: C ₁₉ H ₁₀ Br ₄ O ₅ S
Molecular Weight	: 669.96
CAS No.	: 115-39-9
Shelf Life	: 5 years

Technical Specification

Appearance	: Beige to red to brown or purple crystals or powder
Solubility	: 20 ppm in ethanol yields clear solution
Visual pH Transition	: pH 3.00 (yellow) - pH 4.60 (blue)
Absorption maxima 1	: 432 - 442 nm (20 ppm in pH 3.10 buffer solution)
Absorption maxima 2	: 586 - 596 nm (20 ppm in pH 4.60 buffer solution)
Loss on drying (at 110°C, 2 hrs)	: ≤ 1.00%