

## Product Information

### TECHNICAL DATA SHEET / Specification Sheet

#### **Bromophenol blue**

Molecular Formula	: $C_{19}H_{10}Br_4O_5S$
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)	: $\leq 1.00\%$