

# Specification

**Formula Hill:**  $C_{19}H_9Br_4NaO_5S$   
**Molar Mass:** 691,94 g/mol  
**CAS N°:** 34725-61-6

## 102310 Bromophenol blue sodium salt, ACS

	Specification
Clarity of the solution	passes test
Wavelength of maximum absorption $\lambda_1$ (pH 3,0)	434 - 439 nm
Wavelength of maximum absorption $\lambda_2$ (pH 4,6)	590 - 593 nm
Absorbance	
Absorptivity A1% at $\lambda_1$	320 - 370
Absorptivity A1% at $\lambda_2$	880 - 950
UV-transmission	
Visual transition interval pH 3,0-4,6	greenish blue - blue violet
Loss on drying (110°C)	$\leq 5,0 \%$
Conforms to:	ACS specification

This data sheet is representative of the current specifications for this product at the time of printing.  
 Product specifications are subject to amendment and may change over time. Please check the certificate of analysis for information on specific lots..