



# Specification

1.08121.0000 Bromocresol green indicator ACS,Reag. Ph Eur

## Specification

Identity (UV/VIS-Spectrum)	passes test	
Clarity of solution (1 g/l; ethanol)	passes test	
Transition range	pH 3.8 - pH 5.4 yellowish green - blue	
Absorptions maximum $\lambda$ 1 <sub>max.</sub> (buffer pH 3.8)	438 - 445	nm
Absorptions maximum $\lambda$ 2 <sub>max.</sub> (buffer pH 5.4)	615 - 618	nm
Spec. Absorptivity A 1%/1cm ( $\lambda$ 1 <sub>max.</sub> ; 0.01 g/l; buffer pH 3.8; calc. on dried substances)	220 - 280	
Spec. Absorptivity A 1%/1cm ( $\lambda$ 2 <sub>max.</sub> ; 0.01 g/l; buffer pH 5.4; calc. on dried substances)	460 - 590	
Loss on drying (110 °C)	≤ 3	%
Transition range (according to ACS)	passes test	
Transition interval (according Reag. Ph Eur)	pH 3.6 - pH 5.2 yellow - blue	
Sensitivity test	passes test	

Dr. Michael Memmel

Responsible laboratory manager quality control

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