



Specification

1.03026.0005 Bromothymol blue indicator ACS, Reag. Ph Eur

Specification	
Identity (UV/VIS-Spectrum)	passes test
Clarity of solution (1 g/l; ethanol)	passes test
Transition range	pH 5.8 - pH 7.6 yellow - blue
Absorption maximum λ 1 _{max.} (buffer pH 5.8)	430 - 435 nm
Absorption maximum λ 2 _{max.} (buffer pH 7.6)	615 - 618 nm
Spec. Absorptivity A 1%/1cm (λ 1 _{max.} ; 0.005 g/l; buffer pH 5.8; calc. on dried substances)	260 - 305
Spec. Absorptivity A 1%/1cm (λ 2 _{max.} ; 0.005 g/l; buffer pH 7.6; calc. on dried substances)	455 - 530
Loss on drying (110 °C)	≤ 3 %
Transition range (according to ACS)	passes test
Sensitivity test	passes test

Dr. Michael Memmel

Responsible laboratory manager quality control

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