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Specification Sheet

Product Name: **Bromothymol blue**
Specifications & Purity: indicator ACS, Reag. Ph Eur
SKU #: **B433768**

Parameter

Appearance(B433768)
Transition range(pH 5,8 (yellow) – pH 7.6 (blue))
Clarity of solution (1 g/l; ethanol)
Absorption maximum λ_1 max. (buffer pH 5.8)
Absorption maximum λ_2 max. (buffer pH 7.6)
Spec. Absorptivity A 1%/1cm (λ_1 max; 0.005 g/l; buffer pH 5.8; calc. on dried substances)
Spec. Absorptivity A 1%/1cm (λ_2 max; 0.005 g/l; buffer pH 7.6; calc. on dried substances)
Drying loss(110°C)
Sensitivity Test
Infrared spectrum

Limit Values

Purple and Pink Powder
Pass
passes test
430-435 (nm)
615-618 (nm)
260-305
455-530
0-3 (%)
Pass
Conforms to Structure

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