

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

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

Parameter	Limit Values
Appearance(B433768)	Purple and Pink Powder
Transition range(pH 5,8 (yellow) – pH 7.6 (blue))	Pass
Clarity of solution (1 g/l; ethanol)	passes test
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
Drying loss(110°C)	0-3 (%)
Sensitivity Test	Pass
Infrared spectrum	Conforms to Structure