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## Specification Sheet

Product Name: **Bromocresol purple**  
Specifications & Purity: indicator ACS, Reag. Ph Eur  
SKU #: **B431519**

### Parameter

Appearance(B431519)

Identity (UV/VIS Spectrum)

Clarity of solution (1 g/l; ethanol)

PH Transition interval, pH 5.2 (yellow)~ pH 6.8 (purple)

Absorption maximum  $\lambda_{1max}$  (buffer pH 5.2)

Absorption maximum  $\lambda_{2max}$  (buffer pH 6.8)

Spec. Absorptivity A 1%/1cm ( $\lambda_{1max}$ ; 0.005 g/l; buffer pH 5.2; calc. on dried substances) 400-470

Spec. Absorptivity A 1%/1cm ( $\lambda_{2max}$ ; 0.005 g/l; buffer pH 6.8; calc. on dried substances) 1000-1160

Loss on drying(110°C)

Sensitivity Test

### Limit Values

Grey to Light Purple or Pink to Yellow-Tan Powder

Confirmed

pass

Conforms

429-433 (nm)

587-590 (nm)

400-470

1000-1160

0-2 (%)

Pass

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Phone: +86 400 620 6333 Email: Sale@aladdin-e.com Web: <https://www.aladdin-e.com>

Tax ID: 91310000685518645K