

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-02 17:43:17

Date of Next Testing: 2027-03-23 17:43:17

Product Name: **Bromothymol blue**

CAS Number: 76-59-5

Specifications & Purity: ACS, Dye content 95%

Lot #: C2525258

SKU #: **B100250**

Version: **0**

Analysis #: **484279**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Extinction Coefficient(λ :419- 425 nm,c = 0.02g/L; MEtOH)	≥ 17000	18089.51402
Extinction Coefficient(λ :326- 332 nm,c = 0.02g/L; MEtOH)	≥ 8000	8928.05047
Extinction Coefficient(λ :279- 285 nm,c = 0.02g/L; MEtOH)	≥ 9000	9803.34953
Purity(HPLC)	95-100 (%)	98.45700 %
Appearance (B100250)	Purple and Pink Powder	Purple and Pink Powder
PH Transition interval,pH6.0(Yellow-Green) to pH6.7(Green) to pH7.6(blue)	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager