

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-13 16:51:43
Date of Next Testing: 2026-12-03 16:51:43
Product Name: **Bromothymol blue**
CAS Number: 76-59-5
Specifications & Purity: ACS, Dye content 95%
Lot #: E2129047
SKU #: **B100250**
Version: **0**
Analysis #: **449309**

Parameter	Limit Values	Result
Extinction Coefficient(λ :419- 425 nm,c = 0.02g/L; MEtOH)	≥ 17000	20740.54
Extinction Coefficient(λ :326- 332 nm,c = 0.02g/L; MEtOH)	≥ 8000	10354.82
Extinction Coefficient(λ :279- 285 nm,c = 0.02g/L; MEtOH)	≥ 9000	11127.56
Purity(HPLC)	95-100 (%)	98.82500 %
Appearance (B100250)	Purple and Pink Powder	Purple and Pink Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval,pH6.0(Yellow-Green) to pH6.7(Green) to pH7.6(blue)	Conforms	Conforms



John Su
QA & QC Manager