

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-27 19:01:52

Date of Next Testing: 2028-04-16 19:01:52

Product Name: **Bromothymol blue**

CAS Number: 76-59-5

Specifications &amp; Purity: ACS, Dye content 95%

Lot #: D2615132

SKU #: **B100250**

Version: **0**

Analysis #: **484279**

Storage Temperature: Room temperature

| Parameter                                                                 | Limit Values           | Result                 |
|---------------------------------------------------------------------------|------------------------|------------------------|
| Extinction Coefficient( $\lambda$ :419- 425 nm,c = 0.02g/L; MEtOH)        | $\geq 17000$           | 18089.51402            |
| Extinction Coefficient( $\lambda$ :326- 332 nm,c = 0.02g/L; MEtOH)        | $\geq 8000$            | 8928.05047             |
| Extinction Coefficient( $\lambda$ :279- 285 nm,c = 0.02g/L; MEtOH)        | $\geq 9000$            | 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