

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-09 10:31:02

Date of Next Testing: 2027-05-30 10:31:02

Product Name: **Bromocresol green (BCG)**

CAS Number: 76-60-8

Specifications & Purity: Moligand™, indicator, pH 3.8-5.4

Lot #: E2528232

SKU #: **B100222**

Version: **0**

Analysis #: **505513**

Storage Temperature: Room temperature

| Parameter                                               | Limit Values          | Result                |
|---------------------------------------------------------|-----------------------|-----------------------|
| Absorbance(5mg/L, pH5.8, 613.0 to 617.0 nm)             | $\geq 0.25$           | 0.28900               |
| Ignition Residue (as sulfate)                           | 0-0.5 (%)             | 0.00000 %             |
| Loss on drying                                          | 0-3 (%)               | 1.19230 %             |
| Appearance (B100222)                                    | Powder                | Powder                |
| PH Transition interval,pH 3.8 (yellow) to pH 5.4 (blue) | Conforms              | Conforms              |
| Solubility in NaOH solution                             | almost transparency   | almost transparency   |
| Infrared spectrum                                       | Conforms to Structure | Conforms to Structure |



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QA & QC Manager