

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-06 16:38:22

Date of Next Testing: 2027-07-27 16:38:22

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

CAS Number: 76-60-8

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

Lot #: G2531227

SKU #: **B100222**

Version: **0**

Analysis #: **512834**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Absorbance(5mg/L, pH5.8, 613.0 to 617.0 nm)	≥ 0.25	0.35200
Loss on drying	0-3 (%)	1.63589 %
Ignition Residue (as sulfate)	0-0.5 (%)	0.44494 %
Appearance (B100222)	Powder	Powder
Solubility in NaOH solution	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval,pH 3.8 (yellow) to pH 5.4 (blue)	Conforms	Conforms



John Su
QA & QC Manager