

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-12 17:27:56

Date of Next Testing: 2025-01-01 17:27:56

Product Name: **Bromopyrogallol red**

CAS Number: 16574-43-9

Specifications & Purity: Indicator

Lot #: D2109088

SKU #: **B106034****Analysis: 178433**

| Parameter | Limit Values | Result |
|--|--|--|
| Loss on drying | 0-5 (%) | 4.11% |
| Lambda max(pH 6.0 buffer sol.) | 550-560 (nm) | 553.20000 nm |
| Molar extinction coefficient(pH 6.0 buffer sol., 550.0 to 560.0 nm) | ≥35000 | 35620.20000 |
| Purity(HPLC) | 70-100 (%) | 86.70000% |
| Appearance (B106034) | Red to Dark blue to Black powder to crystal | Red to Dark blue to Black powder to crystal |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager