

## Certificate of Analysis

Date of Testing: 2023-03-16 21:03:15  
Date of Next Testing: 2025-03-05 21:03:15  
Product Name: **Bromopyrogallol red**  
CAS Number: 16574-43-9  
Specifications & Purity: Indicator  
Lot #: C2311878  
SKU #: **B106034**  
Analysis: **167029**

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	2.36 %
Lambda max(pH 6.0 buffer sol.)	550-560 (nm)	554.00000 nm
Purity(HPLC)	70-100 (%)	75.45300 %
Molar extinction coefficient(pH 6.0 buffer sol., 550.0 to 560.0 nm)	≥35000	35001.00000
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