

## Certificate of Analysis

Date of Testing: 2022-06-27 14:46:52  
Date of Next Testing: 2026-06-26 14:46:52  
Product Name: **Brilliant Blue R**  
CAS Number: 6104-59-2  
Specifications & Purity: Ultra Pure Grade, ≥90 %  
Lot #: F2214453  
SKU #: **B105005**  
**Analysis:** **091764**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	90.76100 %
Lambda Max in EtOH	586-592 (nm)	587.00 nm
Appearance (B105005)	blue to red to purple to brown to black powder	blue to red to purple to brown to black powder
Electrophoresis test	pass	Pass
Solubility in H <sub>2</sub> O , Clear, Dark Blue, c = 1mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager