

Certificate of Analysis

Date of Testing: 2022-06-27 16:06:53
Date of Next Testing: 2026-06-26 16:06:53
Product Name: **Brilliant Blue R**
CAS Number: 6104-59-2
Specifications & Purity: Ultra Pure Grade, ≥90 %
Lot #: F2214451
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 ₂ O , Clear, Dark Blue, c = 1mg/ml | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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