

Certificate of Analysis

Date of Testing: 2025-08-07 15:31:39

Date of Next Testing: 2029-08-06 15:31:39

Product Name: **Brilliant Blue G**

CAS Number: 6104-58-1

Specifications & Purity: for electrophoresis, ≥70%

Lot #: G2530053

SKU #: **B104241**

Version: **0**

Analysis #: **553071**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(105°C)	0-6 (%)	0.36 %
λ max(H ₂ O)	580-587 (nm)	584.00 nm
Absorbance(E1%1cm)(H ₂ O, 580.0 to ≥450 587.0 nm)		546.93
Dye Content	70-100 (%)	86.03 %
Appearance (B104241)	Dark Blue to Blue-Purple Powder,Crystals,Granules	Dark Blue to Blue-Purple Powder,Crystals,Granules
Functional testing	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager