

Certificate of Analysis

Date of Testing: 2024-10-09 14:16:38
Date of Next Testing: 2028-10-08 14:16:38
Product Name: **Brilliant Blue G**
CAS Number: 6104-58-1
Specifications & Purity: for electrophoresis, ≥70%
Lot #: L2023039
SKU #: **B104241**
Version: **0**
Analysis #: **416516**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(105°C)	0-6 (%)	2.86 %
λ max(H ₂ O)	580-587 (nm)	583.98 nm
Absorbance(E1%1cm)(H ₂ O, 580.0 to 587.0 nm)	≥450	469.83
Dye Content	70-100 (%)	82.61 %
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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