

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-29 19:06:03

Date of Next Testing: 2029-12-28 19:06:03

Product Name: **Brilliant Blue G**

CAS Number: 6104-58-1

Specifications & Purity: for electrophoresis, ≥70%

Lot #: L2529362

SKU #: **B104241**

Version: **0**

Analysis #: **632444**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Loss on drying(105°C)	0-6 (%)	0.35620 %
λ max(H ₂ O)	580-587 (nm)	583.99800 nm
Absorbance(E1%1cm)(H ₂ O, 580.0 to ≥450 587.0 nm)		546.92800
Dye Content	70-100 (%)	86.02680 %
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



John Su
QA & QC Manager