

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-29 19:05:47
 Date of Next Testing: 2030-06-28 19:05:47
 Product Name: **Brilliant Blue G**
 CAS Number: 6104-58-1
 Specifications & Purity: for electrophoresis, ≥70%
 Lot #: F2616099
 SKU #: **B104241**
 Version: **0**
 Analysis #: **732697**
 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