

Certificate of Analysis

Date of Testing: 2022-06-11 16:16:48
Date of Next Testing: 2026-06-10 16:16:48
Product Name: **Brilliant Blue G**
CAS Number: 6104-58-1
Specifications & Purity: Analytical Reagent
Lot #: F2206073
SKU #: **B104237**
Analysis: **082660**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(105°C)	0-10 (%)	1.86 %
Dye Content	50-100 (%)	91.83 %
Appearance (B104237)	Purple to Dark Purple Powder or Crystal or Chunks	Purple to Dark Purple Powder or Crystal or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
λ max,580.0-584.0 nm(H ₂ O)	Conforms	Conforms
Absorbance(1%/1cm)	$\geq 425(\lambda$ max.)	$\geq 425(\lambda$ max.)



John Su
QA & QC Manager