

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-15 10:11:43  
Date of Next Testing: 2027-05-14 10:11:43  
Product Name: **Brilliant Blue G**  
CAS Number: 6104-58-1  
Specifications & Purity: Analytical Reagent  
Lot #: E2312174  
SKU #: **B104237**  
**Analysis:** **212282**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(105°C)	0-10 (%)	2.91 %
Dye Content	50-100 (%)	94.03 %
Appearance (B104237)	Purple to Dark Purple or Blue to Dark Blue Powder or Crystal or Chunks	Purple to Dark Purple or Blue to Dark Blue Powder or Crystal or Chunks
Absorbance(1%/1cm)	≥425(λ max.)	≥425(λ max.)
Infrared spectrum	Conforms to Structure	Conforms to Structure
λ max,580.0-584.0 nm(H <sub>2</sub> O)	Conforms	Conforms



John Su  
QA & QC Manager