

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-08 20:10:35

Date of Next Testing: 2026-12-07 20:10:35

Product Name: **Brilliant Blue G**

CAS Number: 6104-58-1

Specifications &amp; Purity: Analytical Reagent

Lot #: L2206609

SKU #: **B104237****Analysis: 148445**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(105°C)	0-10 (%)	3.15 %
Dye Content	50-100 (%)	95.48 %
Appearance (B104237)	Purple to Dark Purple Powder or Crystal or Chunks	Purple to Dark Purple Powder or Crystal or Chunks
Absorbance(1%/1cm)	≥425(λ max.)	≥425(λ max.)
λ max,580.0-584.0 nm(H <sub>2</sub> O)	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager