

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-08 19:52:42  
Date of Next Testing: 2026-12-07 19:52:42  
Product Name: **Brilliant Blue G**  
CAS Number: 6104-58-1  
Specifications & Purity: Analytical Reagent  
Lot #: L2206610  
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