

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-11 16:51:05

Date of Next Testing: 2026-06-10 16:51:05

Product Name: **Brilliant Blue G**

CAS Number: 6104-58-1

Specifications & Purity: AR

Lot #: F2206004

SKU #: **B104237**

Version: **0**

Analysis #: **082660**

Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                                       | Limit Values                                      | Result                                            |
|-------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Loss on drying(105°C)                           | 0-10 (%)                                          | 1.85860 %                                         |
| Dye Content                                     | 50-100 (%)                                        | 91.82600 %                                        |
| 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                             |
| $\lambda$ max, 580.0-584.0 nm(H <sub>2</sub> O) | Conforms                                          | Conforms                                          |
| Absorbance(1%/1cm)                              | $\geq 425(\lambda \text{ max.})$                  | $\geq 425(\lambda \text{ max.})$                  |



John Su  
QA & QC Manager