

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-17 13:13:06

Date of Next Testing: 2027-04-16 13:13:06

Product Name: **Brilliant Blue G**

CAS Number: 6104-58-1

Specifications & Purity: AR

Lot #: D23111116

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
λ max, 580.0-584.0 nm(H ₂ O)	Conforms	Conforms
Absorbance(1%/1cm)	$\geq 425(\lambda \text{ max.})$	$\geq 425(\lambda \text{ max.})$



John Su
QA & QC Manager