

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-08 19:54:45
Date of Next Testing: 2026-12-07 19:54:45
Product Name: **Brilliant Blue G**
CAS Number: 6104-58-1
Specifications & Purity: AR
Lot #: L2206596
SKU #: **B104237**
Version: **0**
Analysis #: **148445**
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Loss on drying(105°C)	0-10 (%)	3.14884 %
Dye Content	50-100 (%)	95.48500 %
Appearance (B104237)	Purple to Dark Purple Powder or Crystal or Chunks	Purple to Dark Purple Powder or Crystal or Chunks
Absorbance(1%/1cm)	$\geq 425(\lambda \text{ max.})$	$\geq 425(\lambda \text{ max.})$
$\lambda \text{ max, } 580.0\text{-}584.0$ nm(H ₂ O)	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager