

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-20 14:50:30  
Date of Next Testing: 2027-10-19 14:50:30  
Product Name: **Azophloxine**  
CAS Number: 3734-67-6  
Specifications & Purity: Dye content 60 %  
Lot #: L1920085  
SKU #: **A104999**  
**Analysis:** **287831**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Dye Content	60-100 (%)	60.50 %
Extinction Coefficient(529 - 535 nm,c = 0.02g/l; H2O)	≥17000	17050.00
Extinction Coefficient(503 - 509 nm,c = 0.02g/l; H2O)	≥17000	17020.00
Nitrogen by Elemental Analysis	4.5-12 (%)	10.30 %
Carbon by Elemental Analysis	25.3-59.1 (%)	38.90 %
Appearance (A104999)	Red to purple powder	Red to purple powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager