

## Certificate of Analysis

Date of Testing: 2023-05-18 16:58:09  
Date of Next Testing: 2027-05-17 16:58:09  
Product Name: **Azophloxine**  
CAS Number: 3734-67-6  
Specifications & Purity: Dye content 90 %  
Lot #: E2310764  
SKU #: **A105001**  
**Analysis:** **225492**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Absorbance(E1%1cm)(H <sub>2</sub> O, 503.0 - 507.0 nm)	≥250	261.48
Purity(HPLC)	90-100 (%)	98.43000 %
Absorbance2 (E1%1cm)(H <sub>2</sub> O, 530.0 - 534.0 nm)	≥250	260.97
Loss on drying	0-10 (%)	9.89 %
Appearance (A105001)	Red to purple powder	Red to purple powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
λ max,503.0 - 507.0 nm(H <sub>2</sub> O)	Conforms	Conforms
λ max.2(H <sub>2</sub> O)	530.0 - 534.0 nm	530.0 - 534.0 nm



John Su  
QA & QC Manager