

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Azophloxine,Dye content 60 %

ITEM NUMBER: A104999  
BRAND: Aladdin  
CAS NUMBER: 3734-67-6  
MDL NUMBER: MFCD00003954  
FORMULA: C<sub>18</sub>H<sub>13</sub>N<sub>3</sub>NaO<sub>8</sub>S<sub>2</sub>  
MOLECULAR WEIGHT: 509.42

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Red to purple powder		
Carbon	25.3 %	59.1 %	59.1 %
Dye-content	0 %	0 %	>60 %
Extinction Coefficient(503 - 509 nm,c = 0.02g/l; Water)			>=17000
Extinction Coefficient(529 - 535 nm,c = 0.02g/l; Water)			>=17000
Infrared spectrum	Conforms to Structure		
Nitrogen(N)	4.5 %	12 %	12 %