



Bio Basic Inc.

A world leader in serving science

## CERTIFICATE OF ANALYSIS

Product	Acriflavine, Neutral
Grade	Reagent Grade
Formula	$C_{14}H_{14}ClN_3$
MW	259.7
CAS#	8048-52-0
Product Code	AD0009
Lot No	

Test Items	Specifications	Results
Appearance	Orange to Red-Brown powder	
Identification	To Pass Test	
Solubility(50mg/ml in water)	Clear Orange solution	
Water insoluble matter	≤0.5%	
UV-VIS Spectrum	E(462±3nm) ≥48,000	
C=0.004G/L in methanol	E(262±3nm) ≥50,000	
Sulfate Ash	≤3.5%	
Loss on Drying @105°C/1hr	≤8.0%	
Assay for Chloride content	13.3% ~ 15.8%	
Dried at 105°C for 2hrs		

Storage: Store at room temperature. Protect from moisture.

QF 21 Rev 2015

20 Konrad Cres. Markham Ontario L3R 8T4 Canada  
Tel: (905) 474 4493, (800) 313 7224 Fax: (905) 474 5794  
Email: [order@biobasic.com](mailto:order@biobasic.com) Web: [www.biobasic.com](http://www.biobasic.com)