

## CERTIFICATE OF ANALYSIS

<b>Product:</b>	<b>Acriflavine Neutral</b>
<b>Catalog Number:</b>	<b>8048-52-0</b>
<b>Molecular Weight:</b>	<b>259.7</b>
<b>Molecular Formula:</b>	<b>C<sub>14</sub>H<sub>14</sub>ClN<sub>3</sub></b>
<b>Lot No.:</b>	<b>110121</b>
<b>Expiry Date:</b>	<b>05/2025</b>
<b>Storage:</b>	<b>Cool temperature, dry, tightly closed container.</b>

TESTS	SPECIFICATIONS	RESULTS
<b>Description :</b>	Orange to red to red-brown powder	Orange powder
<b>Identification :</b>	To pass test	Passes test
<b>UV/VIS</b> <b>C=0.004 g/L in methanol :</b>	E(462. _3nm) = 48,000 {min} E(262-3nm) = 50,000 (min)	F(462+3nm)= 54,900 E(262+3nm)= 61,900
<b>Loss on drying :</b> <b>@ 105°C/ 1 hour</b>	8.0% maximum	3.25%
<b>Solubility :</b>	To pass test	Passes test
<b>Water-insoluble matter :</b>	0.50% maximum	0.21%
<b>Sulfated Ash :</b>	3.5% maximum	2.88%
<b>Arsenic (As) :</b>	10 ppm maximum	<10 ppm
<b>Assay of Chlorine content</b> <b>dried at 105°C for 2 hours :</b>	13.3% - 15.8%	14.8%

洪倩  
**Quality Inspector**