



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-214415  
Lot Number: SAMPLE  
Product Name: 8-Anilino-1-naphthalenesulfonic acid hemimagnesium salt hydrate  
CAS Number: 18108-68-4  
Molecular Formula:  $C_{32}H_{24}MgN_2O_6S_2 \cdot xH_2O$   
Molecular Weight: 620.98 (anhydrous basis)

Test	Specification	Result
Appearance (Color)	Yellow to green	Yellow to green
Appearance (Form)	Powder	Powder
Purity (Nonaqueous Titration)	$\geq 95 \%$	100.20 % (Calculated on dry substance)
Purity (TLC)	$\geq 95 \%$	97.6 %
Solubility	50 mg/ml in water	50 mg/ml in water
Solution (Color)	Yellow to green-brown	Very deep brown
Solution (Turbidity)	Clear to slightly hazy	Clear (< 3.5 NTU)
Water content		7.1 %

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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