



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-216060  
Lot Number: SAMPLE  
Product Name: Violamine R  
CAS Number: 6252-76-2  
Molecular Formula:  $C_{34}H_{25}N_2NaO_6S$   
Molecular Weight: 612.63

Test	Specification	Result
Appearance	Purple or dark purple powder	Purple powder
TLC	Consistent with control	Complies
Solubility	1% in H <sub>2</sub> O; red-purple to very dark purple	1% in H <sub>2</sub> O; opaque dark purple solution
Infrared Spectrum		Complies
UV/Visible Spectrum	$E(528 \pm 3 \text{ nm}) \geq 27,000$	$E529 = 31,100$
Carbon	$\geq 38.3\%$	48.79%
Nitrogen	$\geq 2.6\%$	3.07%

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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