



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-216066C  
Lot Number: SAMPLE  
Product Name: Xylidyl blue I  
CAS Number: 14936-97-1  
Molecular Formula:  $C_{25}H_{20}N_3NaO_6S$   
Molecular Weight: 513.50

Test	Specification	Result
Appearance	Dark violet crystalline powder	Complies
Identification (1H-NMR)		Complies
Purity	$\geq 88\%$	96% (UV/Vis)
Absorbance	$> 300$ E1%/1cm (at lambda max in water)	574 E1%/1cm
UV/Visible Spectrum	520 - 530 nm (in water)	528 nm

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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