



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215390  
Lot Number: SAMPLE  
Product Name: Mordant blue 13  
CAS Number: 1058-92-0  
Molecular Formula:  $C_{16}H_9ClN_2O_9S_2 \cdot 2Na$   
Molecular Weight: 518.81

Test	Specification	Result
Appearance	Dark green to Dark red to Black powder to crystal	Black crystalline powder
Absorbance (1)	$\geq 320$ (MeOH, 552.0 to 556.0 nm) (E1%1cm)	406(553.0 nm)
Absorbance (2)	$\geq 320$ (MeOH, 526.0 to 530.0 nm) (E1%1cm)	410(527.5 nm)
$\lambda_{max}$ 1	552.0 to 556.0 nm(MeOH)	553.0 nm
$\lambda_{max}$ 2	526.0 to 530.0 nm(MeOH)	527.5 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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