



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-394359  
Lot Number: SAMPLE  
Product Name: Mordant Yellow 10  
CAS Number: 6054-99-5  
Molecular Formula:  $C_{13}H_8N_2Na_2O_6S$   
Molecular Weight: 366.26

Test	Specification	Result
Appearance		Orange solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
TLC		Complies
Atmosphere		Air
Melting Point		> 284 °C (dec.)
Solubility		DMSO (slightly, heated), Water (slightly)
Carbon Content	42.63%	30.04%
Hydrogen Content	2.20%	1.52%
Nitrogen Content	7.65%	4.95%
Sodium (ICP)		19.07%

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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