



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-257242  
Lot Number: SAMPLE  
Product Name: Chlorophenol Red- $\beta$ -D-galactopyranoside  
CAS Number: 99792-79-7  
Molecular Formula:  $C_{25}H_{22}Cl_2O_{10}S$   
Molecular Weight: 585.41

Test	Specification	Result
Appearance (Color)	Orange to deep red	Deep Red
Appearance (Form)	Powder or Crystals	Crystals
Identification (Infrared Spectrum)	Conforms to structure	Complies
Purity (HPLC)	$\geq 90.0\%$	96.2%
Solubility	-	20 mg/mL $H_2O$
Solution (Color)	Slightly orange to very deep red	Very deep orange
Solution (Turbidity)	Clear (Visual)	Clear
Suitability	Suitable as substrate for Beta-Galactosidase	Suitable as substrate for Beta-Galactosidase

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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