



CERTIFICATE OF ANALYSIS

Product	Cresol red, sodium salt
Grade	Indicator
Product Code	CD0037C
Formula	$C_{21}H_{17}O_5SNa$
MW	404.40
CAS#	62625-29-0
Lot No	

Test Items	Specifications	Results
Appearance	Orange to orange-brown to very dark Brown crystalline powder and/or crystals	
Solubility (1mg/1ml H ₂ O)	Clear Dark Red Solution	
Dye content	~95%	
λ_{max}	425 nm in ethanol	
Visual Transition Interval	From pH 0.2 (orange) to pH 1.8 (yellow) From pH 7.2 (yellow) to pH 8.8 (reddish-purple)	
Loss on dring (110°C, 1hr)	≤5%	

Storage: R.T.