



CERTIFICATE OF ANALYSIS

Product	Congo red
Grade	Indicator
Product Code	CB0324
Formula	C ₃₂ H ₂₂ N ₆ O ₆ S ₂ Na ₂
MW	696.70
CAS#	573-58-0
Lot No	

Test Items	Specifications	Results
Appearance	Dark red to redish-brown powder	
Dye content (by spectrophotometry)	≥75%	
Spectroscopy	497-500nm	
Loss on Drying	≤3.0%	
Solubility	Soluble in water, moderately soluble in methyl Cellosolve and ethylene glycol, and very slightly soluble in ethano	
Clarity of Solution	To Pass Test	
Visual Transition Interval	3.0(Blue)-5.2(Red)	

Storage: RT, protect from moisture.