SPECIFICATION SHEET

Product name	Congo red puriss.		
Product code	1B-227	**Formula:**	$C_{32}H_{22}N_6Na_2O_6S_2$
		Molar mass:	696,68 g/mol
		C.I. number:	22120
Lot number:	---	**CAS number:**	573-58-0
Shelf life:	Max. 60 months	**Storage:**	+ 15 °C to 25 °C

parameter	specification values
appearance	powder
colour	maroon
absorption maximum λ_{max} (in water)	490-505 nm
absorbance A (at λ_{max}; c=10 mg/l in water; 1 cm)	>0,4
soluble in Water	yes
soluble in Ethanol	yes
soluble in Methanol	yes
loss on drying at 110 °C	<10%

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