Specification sheet

Product name	Sudan IV		
Product code	1A-262	**Formula:**	$C_{24}H_{20}N_4O$
		Molar mass:	380,45 g/mol
		C.I. number:	26105
Lot number:	---	**CAS number:**	85-83-6
Shelf life:	60 months	**Storage:**	+ 15 °C to 25 °C

parameter	specification values
appearance	powder
colour	Red-brown
absorption maximum λ_{max} (in MeOH)	510-520 nm
absorbance A (at λ_{max}; c=15 mg/l in MeOH; 1 cm)	0,2-0,5
soluble in Water	very slightly
soluble in Ethanol	yes
soluble in Methanol	yes
loss on drying at 110 °C	0-5%
suitability for microscopy	-

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