CERTIFICATE OF ANALYSIS

Product name	o-Cresol red, Indicator		
Product code	4F-041	**Formula:**	$C_{21}H_{18}O_5S$
		Molar mass:	382,4 g/mol
		C.I. number:	-
Lot number:	---	**CAS number:**	1733-12-6
Shelf life:	60 months	**Storage:**	+ 15 °C to 25 °C

parameter	specification values
appearance	powder
colour	Green
absorption maximum λ_{max} (in water)	560-580 nm
absorbance A (at λ_{max}; c=4,9 mg/l in 0,1mol/l NaOH; 1 cm)	0,5-0,9
soluble in Water	slightly
soluble in Ethanol	soluble
soluble in Methanol	---
loss on drying at 110 °C	0-5 %

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