Specification sheet

Product name: Quinoline yellow S
Product code: 1B-141

Lot number: ---
Shelf life: max. 60 months

Formula: $C_{18}H_9NO_8S_2Na_2$
Molar mass: 477,41 g/mol
C.I. number: 47005
CAS number: 8004-92-0
Storage: + 15 °C to 25 °C

parameter	specification values
appearance	powder
colour	yellow
absorption maximum λ_{max} (in water)	400-420 nm
absorbance A (at λ_{max}; c=10 mg/l in water; 1 cm)	0,4-0,7
soluble in Water	yes
soluble in Ethanol	very slightly
soluble in Methanol	yes
loss on drying at 110 °C	<5%

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Waldeck GmbH & Co. KG
Havixbecker Str. 62
48161 Münster/Germany
County Court Münster
HRA 1926

Unlimited Partner:
Wahlig Beteiligungs- und
Verwaltungsgesellschaft mbH
County Court Münster
HRB 692

Managing Directors:
Franz Wahlig
Dr. Tom Wahlig
Wilhelm Wahlig

Contact:
Phone: +49(0)180/2 24 76 62
Fax: +49(0)180/1 24 76 62
info@chroma-online.com
www.chroma.de