

SPECIFICATION

Product : **FLUORESCEIN SODIUM**
40% SOLUTION Page 1 / 1

Product no. : **0273103200** Version 6 valid from: 03/11

Manufacturer : **Dr. Bohne Nachf. GmbH & Co. KG, Schwelm, Germany**

Synonym : **Dinatrium 2-(oxido-3-oxo-3H-xanthen-9-yl)benzoate; Fluoresceinum natricum; 9-(2-Carboxyphenyl)-6-hydroxy-3-(3H)-xanthenon, Dinatrium; Spiro [isobenzofuran-1(3H),9'-[9H]xanthen]-3-one,3',6',-dihydroxy, disodium salt; 2-(6-Hydroxy-3-oxo-3H-xanthen-9-yl)-benzoesäure, Dinatrium; Fluorescein disodium salt; Resorcinolphthalein Natrium, Soluble Fluorescein; Obiturin; Colour Index 45350; Acid Yellow 73 (INCI); Uranin; D&C Yellow 8**

CAS-No. : **518-47-8** **Formula** : **C₂₀H₁₀Na₂O₅**

ASK-No. : **2064** **Mol.-weight** : **376,28**

Controls	Specification	Method
Description	liquid	visual
Colour	reddish-brown	visual
Odour	Slight typical odour	olfactorily
Appearance of solution	in a thin film: a clear red liquid	
Visible spectrum 0,001 g / 100 ml buffer	pH 5: 540 nm 0 473 nm > 0,28 452 nm > 0,28 pH 8: 540 nm 0 492 nm > 0,80	in-house
Residue on drying (130 °C, 3h)	40 - 43 %	in-house
Density (20 °C)	1,200 - 1,210	in-house

Storage	:	In airtight containers, protected from light, store dry and at temperatures between + 5 °C and + 25 °C. Do not store in aluminium containers !
Durability	:	3 years