

**SPECIFICATION**

**Product** : **FLUORESCEIN SODIUM** Page 1 / 1  
 pharmaceutical grade

**Product no.** : **0273101000** Version 6 valid from: 03/11

**Pharmacopoeia** : **PH.EUR. 5.0**

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

**Synonyms** : **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; Resorcinol-phthalein Natrium, Soluble Fluorescein; Obiturin; Colour Index 45350; Acid Yellow 73 (INCI); Uranin; D&C Yellow 8; Phenyl-2-oxylfluoron-2-carbonsäure, Dinatriumsalz; Yellow No.202; Funduscein**

**CAS-No.** : **518-47-8** **WGK 2**

**RTECS** : **LM 542 5000** **NIOSH** : **LM 542 5000**

**ASK-No.** : **2064** **Formula** : **C<sub>20</sub>H<sub>10</sub>Na<sub>2</sub>O<sub>5</sub>**

**EINECS** : **208-253-0** **Mol.-weight** : **376,28**

Controls	Specification	Method
Description	fine, hygroscopic powder	visual
Colour	orange-red	visual
Odour	odourless, almost tasteless	olfactorily
Identification A + B	corresponding to PH.EUR. 6.0	PH.EUR. 6.0
Solubility	soluble in 1,5 parts of water and in 8 parts of ethanol 96 %	
Appearance of solution	clear, orange-yellow with yellowish-green fluorescence	PH.EUR. 6.0 - 2.2.1
pH 2 %	7,0 – 9,0	PH.EUR. 6.0 - 2.2.3
Zinc	max. 5 ppm	PH.EUR. 6.0
Sulphate	max. 1,0 %	PH.EUR. 6.0 - 2.4.13
Chloride	max. 0,25 %	PH.EUR. 6.0 - 2.4.4
Dimethylformamide	max. 0,2 %	PH.EUR. 6.0 - 2.2.28
Resorcinol	max. 0,5 %	PH.EUR. <b>5.0</b> – 2.2.27
Loss on drying	max. 10,0 %	PH.EUR. 6.0 - 2.2.32
Related Substances	corresponding PH.EUR. 5.0	PH.EUR. <b>5.0</b> - 2.2.27
Assay	95,0 – 103,0 %	PH.EUR. <b>5.0</b> - 2.2.25
Residual solvents	corresponding PH.EUR. 6.0	PH.EUR. 6.0 - 2.4.24

**Storage** : In airtight containers, protected from light, store dry and at temperatures between + 5 °C and + 25 °C

**Durability** : 3 years