



**SPECIFICATION**

**Product** : **FLUORESC EIN SODIUM COSMETIC** Page 1 / 1  
Version 6 valid from: 03/11

**Product no.** : **0273102000**

**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** : **C<sub>20</sub>H<sub>10</sub>Na<sub>2</sub>O<sub>5</sub>**

**NIOSH** : **LM 542 0000** **Mol.-weight** : **376,28**

**ASK-No.** : **2064**

Controls	Specification	Method
Description	fine, hygroscopic powder	
Colour	orange-red	
Odour	odourless, almost tasteless	
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 - 9	PH.EUR. 6.0 - 2.2.3
Zinc	max. 5 ppm	PH.EUR. 6.0
Sulphate	max. 1 %	PH.EUR. 6.0 – 2.4.13
Chloride	max. 0,25 %	PH.EUR. 6.0 – 2.4.4
Loss on drying	max. 10 %	PH.EUR. 6.0 – 2.2.32
Assay	min. 98,5 %	PH.EUR. 5.0 – 2.2.25
Residual solvents	according PH.EUR. 6.0	PH.EUR. 6.0 – 2.4.24

<b>Storage</b>	: In airtight containers, protected from light, store dry and at temperatures between + 5 °C and + 25 °C.
<b>Durability</b>	: 3 years