



SPECIFICATION

Product : **FLUORESCEIN TECHNICAL PURE** Page 1 / 1
Product no. : **0270101000** **Version 5** **valid from:** **01/08**
Manufacturer : **Dr. Bohne & Co. KG, Schwelm, Germany**
Synonym : **Resorcinphthalein; Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one,3',6',-dihydroxy-fluorescein; 9-(2-Carboxyphenyl)-6-hydroxy-3-(3H)-xanthenon; 2-(6-Hydroxy-3-oxo-3H-xanthen-9-yl)benzoesäure; Colour Index 45350; Acid Yellow 73 (INCI); D&C Yellow 7-8**
CAS-No. : **2321-07-5** **Formula** : **C₂₀H₁₂O₅**
Mol.-weight : **332,32**

Controls	Specification	Method
Description	Reddish-brown, odourless powder	
Solubility	insoluble in water, very slightly soluble in hot water, acetic acid and ether; slightly soluble in ethanol; soluble in hot acetone, hot ethanol and dilute alkali hydroxides	
Loss on drying (1 h at 105° C.)	max. 1,5 %	PH.EUR. 6.0 - 2.2.32d
Zinc	max. 5 ppm	USP 30
Acriflavine	according to the requirements	USP 30
Sulphated ash	max. 0,5 %	PH.EUR. 6.0 - 2.4.14
Chloride	max. 0,1 %	PH.EUR. 6.0 - 2.4.4
Sulfate	max. 0,1 %	PH.EUR. 6.0 - 2.4.13
Assay	97 - 102 %	PH.EUR. 5.0 method for Fluorescein Sodium
Residual solvents	according PH.EUR. 6.0 – 5.4	PH.EUR. 6.0 – 2.4.24

Storage: In airtight containers, protected from light, store dry and not exceed 25°C.

Durability : 3 years