



SPECIFICATION SHEET

Product Name : Fluorescein, (C.I. 45350)
Product Number : 923.D02
Brand : ISOLAB
CAS Number : 2321-07-5
Formula : $C_{20}H_{12}O_5$
Formula Weight : 332.31 g/mol

TEST NAME	SPECIFICATION	UNIT
Appearance	Orange red brown or maroon powder	
Assay (on dried substance)	≥ 95 %	%
Solubility (in 1N NaOH)	50 mg/ml	mg/ml
Molar absorptivity E(490 ± 2nm)	≥ 70000	
E(284 ± 2 nm)	≥ 12000	
E(238 ± 2 nm)	≥ 39000	
Loss on drying (at 105°C)	≤ 5.0 %	%
Melting point	about 315 °C	°C

Quality Management
Isolab Laborgerate GmbH

