



SPECIFICATION SHEET

Product Name : Phenolphthalein, Indicator, ACS, Reag. Ph. Eur
Product Number : 959.096
Brand : ISOLAB
CAS Number : 77-09-8
Formula : $C_{20}H_{14}O_4$
Formula Weight : 318.32 g/mol

TEST NAME	SPECIFICATION	UNIT
Identity (UV/VIS-Spectrum)	passes test	
Appearance	White to yellowish white powder	
Clarity of the alcoholic solution (10g/l ethanol)	passes test	
Absorption maximum λ_{max} . (buffer pH 9.8)	551 - 554 nm	nm
Spec. Absorptivity A 1%/1cm (λ_{max} ; 0.01 g/l; buffer pH 9.8) (calculated on dried substance)	700 - 750	
Transition range	pH 8.2 - pH 9.8 almost colorless - red-violet	
Transition range (according to ACS)	passes test	
Transition interval (according Reag. Ph Eur)	passes test	
Loss on drying (105 °C)	$\leq 1 \%$	%

Quality Management
Isolab Laborgerate GmbH

