



SPECIFICATION SHEET

Product Name : Pentane-1-sulfonic acid sodium salt, for ion pair chromatography
Product Number : 959.08P
Brand : ISOLAB
CAS Number : 22767-49-3
Formula : $C_5H_{11}NaO_3S$
Formula Weight : 174.20 g/mol

TEST NAME	SPECIFICATION	UNIT
Description	White crystalline powder	
Solubility	5% solution in water is clear and colourless	
Assay (on dried basis)	≥ 99.0 %	%
Identification	passes test	
pH (10% aq soln)	5.5 - 7.5	
UV-transmission (0.005 mol/L , 10mm cell) at 200 nm	≥ 70 %	%
UV-transmission (0.005 mol/L , 10mm cell) at 220 nm	≥ 90 %	%
UV-transmission (0.005 mol/L , 10mm cell) at 250 nm	≥ 98 %	%
Loss on drying, 120 °C	≤ 1.0 %	%

Quality Management
Isolab Laborgerate GmbH

