

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Sodium 1-heptanesulfonate,for ion chromatography,&gt;98.0%(T)

ITEM NUMBER: S104934  
BRAND: Aladdin  
CAS NUMBER: 22767-50-6  
MDL NUMBER: MFCD00007543  
FORMULA: C7H15O3SNa  
MOLECULAR WEIGHT: 202.25

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White Powder or Crystals		
Loss on drying	0 %	2 %	2 %
Membrane filtration test	Passes test on 0.5 M sol		
Proton NMR spectrum	Conforms to Structure		
Purity(Ion-exchange titration)	98 %	102 %	100 %
Suitability test (HPLC, gradient)	Passes		
UV absorption : 210 nm A(10 % in H2O)	0	0.1	0.1
UV absorption : 220 nm A(10 % in H2O)	0	0.06	0.06
UV absorption : 230 nm A(10 % in H2O)	0	0.04	0.04
UV absorption : 260 nm A(10 % in H2O)	0	0.02	0.02
UV absorption : 500 nm A(10 % in H2O)	0	0.02	0.02