



## 1-HEPTANE SULPHONIC ACID SODIUM SALT AR MONOHYDRATE FOR HPLC

<b>PRODUCT CODE</b>	<b>R08267</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(207300-90-1)	$\text{CH}_3(\text{CH}_2)_5\text{CH}_2-\overset{\text{O}}{\parallel}{\text{S}}-\text{ONa} \cdot \text{H}_2\text{O}$
<b>ATOMIC OR MOLECULAR FORMULA</b>	$\text{C}_7\text{H}_{15}\text{NaO}_3\text{S} \cdot \text{H}_2\text{O}$	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	220.27	
<b>PROPERTIES</b>	--	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	White crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Acidimetric )	99.0%	
UV Transmission in 1.0 cm cell (0.005 mol/lit. in water, at 250 nm)	Min. 98.0%	
pH of (10% solution in water)	5.5 - 7.5	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Loss on drying (at 120°C)	6.5 – 9.0%	
Max. absorbance (2.7 gm in 100 ml H <sub>2</sub> O ;pH 3)		
at 210 nm	1.0	
220 nm	0.1	
254 nm	0.06	
280 nm	0.06	
Absorbance in a 1.0 cm cell (0.005 mol/lit. in water) at		
200 nm	0.15	
at 220 nm	0.05	
Absorption in 1.0 cm cell (10% solution in water) at		
210 nm	0.1	
220 nm	0.06	
230 nm	0.04	
260 nm	0.02	
500 nm	0.02	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>WARNING</b>		IMDG Code : --
<b>Hazard statements:</b> Not hazardous. No hazards.		UN No. : --
<b>Precautionary statements</b>		IATA : --
<b>Prevention:</b> -----		
<b>Response:</b> -----		
<b>Disposal:</b> -----		
<b>Hazard Pictogram(s) :-----</b>		

Replace Date 1 April 2023

: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)

Email: rehsiffscientific@gmail.com, www.rehsiffscientific.com

