



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : 1--HEXANE SULPHONIC ACID SODIUM SALT AR  
(ANHYDROUS)**

<b>CAS No</b>	<b>: 2832- 45- 3</b>	<b>Product code</b>	<b>: 23498</b>
<b>Mol. Formula</b>	<b>: C<sub>6</sub>H<sub>13</sub>NaO<sub>3</sub>S</b>	<b>Batch No.</b>	<b>: MCR-27693</b>
<b>Mol. WT</b>	<b>: 188.22</b>	<b>Mfd.</b>	<b>: Feb. 2023</b>
<b>Date of analysis</b>	<b>: 20/02/23</b>	<b>Exp.</b>	<b>: Jan. 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	White powder or crystals or crystalline powder (soft powder)	White Powder.
2	<b>Assay(on dried basis)</b>	99%w/w min	99.47%w/w
3	<b>pH (10%aq.solution)</b>	5.5 – 7.5	6.56
4	<b>Loss on drying at 120<sup>0</sup>C</b>	2 % max	0.31 %
5	<b>Minimum Transmission of 0.005 mol /L soln ( in 1 cm cell vs H<sub>2</sub>O)</b>		
	<b>200 nm</b>	70%	85.31%
	<b>220 nm</b>	90%	96.43%
	<b>250 nm</b>	98%	98.68%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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