



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : 1-DECANE SULPHONIC ACID SODIUM SALT (ANHYDROUS)AR  
(FOR HPLC) FOR ION PAIR CHROMATOGRAPHY**

|                         |                                                       |                             |
|-------------------------|-------------------------------------------------------|-----------------------------|
| <b>CAS No</b>           | <b>: 13419- 61- 9</b>                                 | <b>Product code : 22840</b> |
| <b>Mol. Formula</b>     | <b>: C<sub>10</sub>H<sub>21</sub>NaO<sub>3</sub>S</b> | <b>Batch No : MCR-27692</b> |
| <b>Mol. WT</b>          | <b>: 244.33</b>                                       | <b>Mfd. : Feb. 2023</b>     |
| <b>Date of analysis</b> | <b>: 20/02/23</b>                                     | <b>Exp. : Jan. 2028</b>     |

| S.R | Test                                                                             | Specification                         | Observation                 |
|-----|----------------------------------------------------------------------------------|---------------------------------------|-----------------------------|
| 1   | Description                                                                      | A white powder or crystalline powder. | A white crystalline powder. |
| 2   | Assay                                                                            | 99 % w/w min                          | 99.40%w/w                   |
| 3   | Minimum Transmission of 0.005 mol /L solution (in 1 cm cell vs H <sub>2</sub> O) |                                       |                             |
|     | 200 nm                                                                           | 70%                                   | 86.21 %                     |
|     | 220 nm                                                                           | 90%                                   | 97.49%                      |
|     | 250 nm                                                                           | 98%                                   | 98.74 %                     |

**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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