



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : 1- DECANESULPHONIC ACID SODIUM SALT (MONOHYDRATE)  
AR (FOR HPLC) FOR ION PAIR CHROMATOGRAPHY**

**CAS No.** : 13419-61-9  
**Mol. Formula** :  $C_{10}H_{21}NaO_3S \cdot H_2O$   
**Mol. WT** : 262.33  
**Date of analysis** : 19/01/22

**Product code** : 22841  
**Batch No.** : MCR-13503-02  
**Mfd.** : Jan. 2022  
**Exp.** : Dec. 2026

| S. R | Test                                                                     | Specification                         | Observation                 |
|------|--------------------------------------------------------------------------|---------------------------------------|-----------------------------|
| 1    | Description                                                              | A white powder or crystalline powder. | A white crystalline powder. |
| 2    | Assay (on dried material)                                                | 99% min                               | 99.68%                      |
| 3    | pH (10% aqueous solution)                                                | 5.5 – 7.5                             | 5.56                        |
| 4    | Loss on drying at 120°C                                                  | 6 – 7                                 | 6.36                        |
| 5    | Transmittance (0.005 mol /L solution (in 1 cm cell vs H <sub>2</sub> O)) |                                       |                             |
|      | wavelength                                                               | Min transmission                      | Observation                 |
|      | 200                                                                      | 70%                                   | 95.84 %                     |
|      | 220                                                                      | 90%                                   | 96.76 %                     |
|      | 250                                                                      | 98%                                   | 99.89 %                     |

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

**[Tested By]**

**[QC Incharge]**

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

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

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