



## **CERTIFICATE OF ANALYSIS**

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

**CAS No** : 2832- 45- 3  
**Mol. Formula** :  $C_6H_{13}NaO_3S.H_2O$   
**Mol. WT** : 206.24  
**Date of analysis** : 15/05/22

**Product code** : 23500  
**Batch No** : MCR-22166-01  
**Mfd.** : May 2022  
**Exp.** : April 2027

| S. R | Test                                                                             | Specification | Observation   |
|------|----------------------------------------------------------------------------------|---------------|---------------|
| 1    | Description                                                                      | White powder. | White powder. |
| 2    | Assay                                                                            | 99%w/w min    | 99.62%w/w     |
| 3    | pH(10%aq.solution)                                                               | 5.5 – 7.5     | 7.44          |
| 4    | Loss on drying at 120°C                                                          | 8 – 9 %       | 8.61%         |
| 5    | Minimum Transmission of 0.005 mol /L solution (in 1 cm cell vs H <sub>2</sub> O) |               |               |
|      | 200 nm                                                                           | 70%           | 92.2%         |
|      | 220 nm                                                                           | 90%           | 98.5%         |
|      | 250 nm                                                                           | 98%           | 99.8%         |

**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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