

## CERTIFICATE OF ANALYSIS

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

**CAS No** : 2832-45-3  
**Mol. Formula** :  $C_6H_{13}NaO_3S$   
**Mol. WT** : 188.22  
**Date of analysis** : 07/05/25

**Product code** : 23498  
**Batch No** : MCR-33916  
**Mfd.** : May 2025  
**Exp.** : April 2030

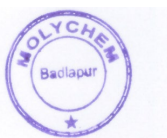
| S.R | Test                                                                               | Specification                                                   | Observation     |
|-----|------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------|
| 1   | <b>Description</b>                                                                 | A White powder or crystals or crystalline powder (soft powder). | A white Powder. |
| 2   | <b>Assay(on dried basis)</b>                                                       | 99%w/w min                                                      | 99.32%w/w       |
| 3   | <b>pH (10%aq.solution)</b>                                                         | 5.5 – 7.5                                                       | 5.60            |
| 4   | <b>Loss on drying at 120°C</b>                                                     | 2 % max                                                         | 0.98%           |
| 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%                                                             | 91.15%          |
|     | <b>220 nm</b>                                                                      | 90%                                                             | 97.16%          |
|     | <b>250 nm</b>                                                                      | 98%                                                             | 99.07%          |

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

**[Tested By]**



**CHEMIST  
(Akash)**



**[QC Incharge]**



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

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