



## **CERTIFICATE OF ANALYSIS**

Date: 27/02/18

**PRODUCT NAME : 1-PENTANE SULFONIC ACID SODIUM SALT  
FOR HPLC (ANHYDROUS)**

CAS No : 22767-49-3  
Mol. Formula :  $C_5H_{11}NaO_3S$   
Mol. WT : 174.21  
Exp. : Jan. 2023

Product code : 16729  
Batch No : MCR-15568  
Mfd. : Feb. 2018

| S. R | Test                                | Specification     | Observation |
|------|-------------------------------------|-------------------|-------------|
| 1    | Assay(on dried basis)               | 99%min            | 99.45%      |
| 2    | pH (10%aq.solution)                 | 5.5 – 7.5         | 5.77        |
| 3    | Loss on drying (120 <sup>0</sup> C) | 2 % max           | 0.95%       |
| 4    | Transmittance(0.005 mole/L)         |                   |             |
|      | Wavelength                          | Min. transmission | Observation |
|      | 200nm                               | 70%               | 71.143%     |
|      | 220nm                               | 90%               | 97.847%     |
|      | 250nm                               | 98%               | 98.145%     |

**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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