



CHEMBALL (HANGZHOU) CHEMICAL CO., LTD  
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## CERTIFICATE OF ANALYSIS

| PRODUCT : SODIUM NAPHTHALENE SULPHONATE ( SNF - C )<br>BATCH NO.:20220712 MFG DATE:12 <sup>TH</sup> JULY 2022<br>PACKAGE:25KG/BAG |   |                               |                       |
|---|---|-------------------------------|-----------------------|
| NO. :   | TEST ITEM                                   | STANDARD SPECIFICATION        | TEST RESULT           |
| 1   | SOLID CONTENT (%)                           | ≥ 91                          | 91.85                 |
| 2   | APPEARANCE                                  | BROWN POWDER                  | QUALIFIED             |
| 3   | SMELL                                       | LIGHT INHERENT SPECIAL SMELL  | QUALIFIED             |
| 4   | SURFACE TENSION (N/M)                       | $(70 \pm 1) \times 10^{-3}$   | $70.5 \times 10^{-3}$ |
| 5   | PH VALUE                                    | 7 - 9                         | 7.8                   |
| 6   | CONTENT OF Cl <sup>-</sup> (%)              | ≤ 0.5                         | 0.22                  |
| 7   | Na <sub>2</sub> SO <sub>4</sub> CONTENT (%) | ≤ 19                          | 18.3                  |
| 8   | INSOLUBLE MATTER (%)                        | ≤ 0.5                         | 0.01                  |
| 9   | CONCLUSION                                  | COMPLY WITH INN-CHEMBALL-SNFA |                       |

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