

**CERTIFICATE OF ANALYSIS**

|                                     |                                                               |                      |                       |
|-------------------------------------|---------------------------------------------------------------|----------------------|-----------------------|
| <b>Product Name:</b>                | Sodium p-styrenesulfonate                                     | <b>Batch No.</b>     | JL20221224            |
| <b>Cas</b>                          | 2695-37-6                                                     | <b>MF Date</b>       | Dec. 24, 2022         |
| <b>Packing</b>                      | 25KGS/BAG                                                     | <b>Analysis Date</b> | Dec. 24, 2022         |
| <b>Quantity</b>                     | 16000KG                                                       | <b>Expiry Date</b>   | Dec. 23, 2023         |
| <b>ITEM</b><br>分析项目                 | <b>STANDARD</b><br>技术指标                                       |                      | <b>RESULT</b><br>实测结果 |
| <b>Appearance</b>                   | Free flowing granules or powder without visible contamination |                      | Conform               |
| <b>Water</b>                        | 8-12%                                                         |                      | 11.2%                 |
| <b>Color(1% APHA)</b>               | ≤50                                                           |                      | 18                    |
| <b>PH(10% aqueous solution)</b>     | 7.4-11                                                        |                      | 10.1                  |
| <b>Filterable matter</b>            | ≤0.05%                                                        |                      | 0.02%                 |
| <b>Sodium sulfate</b>               | ≤0.8%                                                         |                      | 0.29%                 |
| <b>Halides</b>                      | ≤6%                                                           |                      | 1.82%                 |
| <b>Light absorbance/cm at 600nm</b> | ≤0.035                                                        |                      | 0.008                 |
| <b>Fe</b>                           | ≤15ppm                                                        |                      | 2ppm                  |
| <b>Vinyl activity</b>               | 89-100%                                                       |                      | 93.1%                 |
| <b>Conclusion</b>                   | <b>Qualified</b>                                              |                      |                       |

**Analyst:** *Wen Qian***Quality Assurance Officer:** *Zhan Peng*