



## Chemball (Hangzhou) Chemicals Co., Ltd.

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### CERTIFICATE OF ANALYSIS

|                                  |                              |             |                  |
|----------------------------------|------------------------------|-------------|------------------|
| Product name                     | Sodium Lauroyl Sarcosinate   | Lot No      | 2021121002       |
| Manufacturing Date               | 2021. 12. 10                 | Expiry Date | 2023. 12.09      |
| Item                             | Standard                     |             | Analytical Value |
| Appearance                       | White or almost white powder |             | White powder     |
| PH value (10% solution)          | 7.5-8.5                      |             | 7.83             |
| Active matter content            | ≥98.0%                       |             | 98.78%           |
| Sodium chloride                  | ≤0.35%                       |             | 0.31%            |
| Sodium laurate content           | < 4.0%                       |             | 1.54%            |
| Total number of bacteria (CFU/g) | ≤100                         |             | < 10             |
| Mold and yeast(CFU/g)            | ≤100                         |             | < 10             |
| Heavy metal (Pb)                 | < 10ppm                      |             | < 10ppm          |
| Arsenic (As)                     | < 2ppm                       |             | < 1ppm           |
| Result: Qualified                |                              |             |                  |

开博（杭州）化工有限公司

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