



## Certificate of Analysis

|                            |                                     |
|----------------------------|-------------------------------------|
| Product Name:              | Choline chloride                    |
| Product Number:            | C10012                              |
| Lot Number:                | C26PD134A                           |
| CAS:                       | 67-48-1                             |
| Formula:                   | C <sub>5</sub> H <sub>14</sub> ClNO |
| Molecular Weight:          | 139.62                              |
| Storage at:                | 室温 干燥                               |
| Quality Release Date:      | 2026-06-15                          |
| Recommended retested date: | 2031-06-14                          |

| Test                                     | Specification            | Result                   |
|------------------------------------------|--------------------------|--------------------------|
| Appearance                               | White crystalline Powder | White crystalline Powder |
| Solubility(500mg/mL in H <sub>2</sub> O) | Colorless Clear          | Colorless Clear          |
| Water                                    | ≤5%                      | 0.31%                    |
| Purity (TLC)                             | ≥99%                     | 99.2%                    |



