

## Certificate of Analysis

|                            |                                                                 |
|----------------------------|-----------------------------------------------------------------|
| Product Name:              | Rhodamine 19 Perchlorate                                        |
| Product Number:            | R10048                                                          |
| Lot Number:                | C26PD619B                                                       |
| CAS:                       | 62669-66-3                                                      |
| Formula:                   | C <sub>26</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>7</sub> |
| Molecular Weight:          | 514.96                                                          |
| Storage at:                | 室温                                                              |
| Quality Release Date:      | 2026-06-30                                                      |
| Recommended retested date: | 2031-06-29                                                      |

| Test                         | Specification                     | Result                            |
|------------------------------|-----------------------------------|-----------------------------------|
| Appearance                   | Orange to Brown powder to crystal | Orange to Brown powder to crystal |
| Lambda max.                  | 515.0 to 523.0 nm(MeOH)           | 519                               |
| Molar extinction coefficient | ≥97000(MeOH, 515.0 to 523.0 nm)   | 98900                             |
| Purity(HPLC)                 | ≥98%                              | 99.6%                             |

