

# Certificate of Analysis

|   |  |                      |                             |
|---|--|----------------------|-----------------------------|
| Product Name  | NAO  |                      |                             |
| Cat.No.   | N4002Z2  | Storage Conditions   | Store at 4℃ away from light |
| Lot.No.   | 231025W01-01                                     | Expiration Date      | 24-10-2028                  |
| Molecular Formula   | C <sub>26</sub> H <sub>38</sub> BrN <sub>3</sub> | Molecular Weight     | 472.5                       |
| CAS Number  | 75168-11-5                                       | Excitation Emission  | 495/522 nm(MEOH)            |
| Quality Control   |  |                      |                             |
| Items   | Specification                                    | Result               |                             |
| Packaging appearance  | Intact and undamaged                             | Intact and undamaged |                             |
| Appearance  | Orange solid                                     | Orange solid         |                             |
| Weight/volume   | 100-102mg  | 100mg                |                             |
| molar extinction coefficient  | 82000±8200                                       | 80712                |                             |
| Purity  | HPLC: ≥90% at 254 nm                             | 98.6% at 254 nm      |                             |
|   | ≥90% at 497 nm                                   | 99.0% at 497 nm      |                             |
| Appendix  |  |                      |                             |
| This Product has been tested and the components have been found to conform to UE quality standards. |  |                      |                             |
| Conclusion  | Up to standard                                   | Report Date          | 31-10-2023                  |
| QC  | Jiaxing Wu                                       | QA                   | Qin Hua-Yu                  |

