

Certificate of Analysis

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|---|-----------------------------|----------------------------|------------------------------|
| Product Name | NAO | | |
| Cat.No. | N4002 | Storage Conditions | Store at 4°C away from light |
| Lot.No. | 240115W01-90 | Expiration Date | 14-01-2029 |
| Molecular Formula | $C_{26}H_{38}BrN_3$ | 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 | 20-20.6mg | 20mg | |
| molar extinction coefficient | 82000 ± 8200 | 83134 | |
| Purity | HPLC: $\geq 90\%$ at 254 nm | 99.2% at 254 nm | |
| | $\geq 90\%$ at 494 nm | 98.7% at 494 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 | 11-11-2025 |
| QC | <i>Chen ming Jiang</i> | QA | <i>Qiu Hua-Yu</i> |

