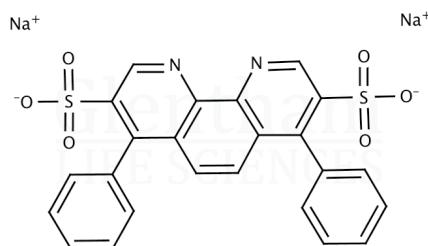


Product Specification

| | |
|----------------|--|
| Product Name | Bathophenanthrolinedisulfonic acid disodium salt hydrate |
| Glentham Code | GT5400 |
| CAS Number | 52746-49-3 |
| EINECS | 258-152-0 |
| MDL Number | MFCD00004977 |
| PubChem SID | 310267277 |
| Additional CAS | 53744-42-6 |
| Additional CAS | 949162-66-7 |

| | |
|-------------------|---|
| Molecular Weight | 536.48 (anhydrous) |
| Molecular Formula | $C_{24}H_{14}N_2Na_2O_6S_2 \cdot xH_2O$ |
| Storage Temp. | +20°C |



| Property | Specification |
|--------------------------|---------------------------------------|
| Physical Description | White to orange to red or pink powder |
| Identification (IR) | To conform to standard |
| Solubility (2% in water) | Clear, colourless to red solution |
| Water (KF) | Reported (%) |
| Purity (HPLC) | ≥ 98.0% |
| Assay (Titration) | 97.5 - 102.5 % (dried basis) |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.0 |
| Date Created | - | 2024-05-08 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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