

## Certificate of Analysis

Date of Testing: 2024-01-15 16:19:23  
Date of Next Testing: 2027-01-14 16:19:23  
Product Name: **Bathophenanthrolinedisulfonic Acid Disodium Salt Hydrate**  
CAS Number: 53744-42-6  
Specifications & Purity: 98%  
Lot #: A2408340  
SKU #: **B405678**  
Analysis: **299078**

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Purity(HPLC area)              | 98-100 (%)            | 98.12%                |
| LC-MS for identification       | Conforms              | Conforms              |
| ICP: Confirms Sodium Component | Confirmed             | Confirmed             |
| NMR Spectrum 1H                | Conforms to structure | Conforms to Structure |



John Su  
QA & QC Manager