

Certificate of Analysis

Date of Testing: 2023-01-16 16:18:26
Date of Next Testing: 2026-01-15 16:18:26
Product Name: **Tetrasodium-meso-tetra(4-sulfonatophenyl)porphine hydrate**
CAS Number: 39050-26-5
Specifications & Purity: $\geq 95\%$
Lot #: A2310192
SKU #: **T303624**
Analysis: 152906
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter | Limit Values | Result |
|-----------------------|-----------------------|-----------------------|
| Purity(HPLC) | 95-100 (%) | 99.52700 % |
| Water by Karl Fischer | 0-18.32 (%) | 9.69 % |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager