



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-505025
Lot Number: SAMPLE
Product Name: 2-Chloro-10-[3-[[3-(dimethylamino)propyl]methylamino]propyl]phenothiazine Dihydrochloride
CAS Number: 19077-20-4
Molecular Formula: $C_{21}H_{28}ClN_3S \cdot 2HCl$
Molecular Weight: 462.91
Native Source: Synthetic

| Test | Specification | Result |
|------------------------------------|--------------------------|--------------------------------------|
| Appearance | White to Off-White Solid | White solid |
| Identification (NMR) | | Complies |
| Identification (Mass Spectrometry) | | Complies |
| Purity (HPLC) | | 99.78% |
| Purity (TLC) | | 97% |
| Elemental Analysis | | %C: 53.08, %H: 6.69, %N: 8.75 |
| Solubility | | DMSO (Slightly), Methanol (Slightly) |
| Chloride | | 14.7% |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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