



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-500526
Lot Number: SAMPLE
Product Name: Merbarone
CAS Number: 97534-21-9
Molecular Formula: $C_{11}H_9N_3O_3S$
Molecular Weight: 263.27

| Test | Specification | Result |
|----------------------|-----------------------------------|-------------------|
| Appearance | White to light brown powder | Light pink powder |
| Identification | | Complies |
| Purity (HPLC) | $\geq 98\%$ | 100% |
| Solution (Turbidity) | Clear solution at 5 mg/ml in DMSO | Complies |
| Carbon Content | 49.78 - 50.58% | 50.11% |
| Hydrogen Content | 3.05 - 3.85% | 3.34% |
| Nitrogen Content | 15.56 - 16.36% | 15.79% |

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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