



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-212564  
Lot Number: SAMPLE  
Product Name: Pipotiazine Palmitate  
CAS Number: 37517-26-3  
Molecular Formula:  $C_{40}H_{63}N_3O_4S_2$   
Molecular Weight: 714.08

| Test                               | Specification                 | Result                                          |
|------------------------------------|-------------------------------|-------------------------------------------------|
| Appearance                         |                               | Yellow solid                                    |
| Identification (NMR)               | Conforms to structure         | Complies                                        |
| Identification (Mass Spectrometry) | Conforms to structure         | Complies                                        |
| Purity                             |                               | 98%                                             |
| Purity (HPLC)                      | >95%                          | 99.24% (265 nm)                                 |
| Elemental Analysis                 | %C: 67.28, %H: 8.89, %N: 5.88 | %C: 67.36, %H: 8.95, %N: 5.84                   |
| Melting Point                      |                               | 60-62°C                                         |
| Solubility                         |                               | Chloroform (Slightly), Ethyl Acetate (Slightly) |

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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