



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-251602  
Lot Number: SAMPLE  
Product Name: 1,4,8,11-Tetraazacyclotetradecane-1,4,8,11-tetraacetic acid tetrahydrochloride tetrahydrate  
CAS Number: 78668-42-5  
Molecular Formula:  $C_{18}H_{32}N_4O_8 \cdot 4HCl \cdot 4H_2O$   
Molecular Weight: 650.37

| Test         | Result          |
|--------------|-----------------|
| Appearance   | Off-white solid |
| Purity (NMR) | > 95%           |
| Purity (TLC) | > 95%           |
| Solubility   | MeOH, DMSO      |

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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