



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-235538  
Lot Number: SAMPLE  
Product Name: m-Phenylenediamine dihydrochloride  
CAS Number: 541-69-5  
Molecular Formula:  $C_6H_8N_2 \cdot 2HCl$   
Molecular Weight: 181.06

| Test                             | Specification                                    | Result                                |
|----------------------------------|--------------------------------------------------|---------------------------------------|
| Appearance                       | White to faint red powder or crystals            | White crystals                        |
| Identification ( $^1H$ -NMR)     | Consistent with structure                        | Complies                              |
| Purity (Argentometric Titration) | 99.0 - 101.0%                                    | 100.0%                                |
| Solubility                       | Clear, colorless to yellow at 100 mg/ml in water | Clear colorless at 100 mg/ml in water |

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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