



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-255631  
Lot Number: SAMPLE  
Product Name: Terephthalic acid  
CAS Number: 100-21-0  
Molecular Formula:  $C_8H_6O_4$   
Molecular Weight: 166.13

| Test                              | Specification                           | Result                   |
|-----------------------------------|-----------------------------------------|--------------------------|
| Appearance                        | White to almost white powder to crystal | White crystalline powder |
| Purity (GC)                       | $\geq 99.0\%$                           | 99.9%                    |
| Purity (Neutralization Titration) | $\geq 99.0\%$                           | 100.1%                   |
| Solubility                        | Almost transparency in 1 mol/L NaOH     | Transparency             |

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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