



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-255376  
Lot Number: SAMPLE  
Product Name: N,N,N',N'-Tetramethyl-p-phenylenediamine  
CAS Number: 100-22-1  
Molecular Formula:  $C_{10}H_{16}N_2$   
Molecular Weight: 164.25

Test	Specification	Result
Appearance (Color)	Yellow to red to brown or grey	Beige
Appearance (Form)	Powder or flakes	Flakes
Purity (GC)	$\geq 98.5\%$	99.7%
Purity (Nonaqueous Titration)	98.5 - 101.5% (HClO <sub>4</sub> 0.1M)	99.6%
Solution (Color)	Yellow to red to brown or grey solution at 50 mg/ml in ethanol	Light yellow-brown
Solution (Turbidity)	Clear solution at 50 mg/ml in ethanol	Complies

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 [www.scbt.com](http://www.scbt.com)