



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-281181  
Lot Number: SAMPLE  
Product Name: TRITON X-100 Detergent, Hydrogenated  
CAS Number: 101013-07-4  
Molecular Formula:  $C_{14}H_{280}(C_2H_4O)_n$ , n=9 or 10  
Molecular Weight:

Test	Specification	Result
Appearance		Clear liquid
Conductivity	$\leq 50.0 \mu\text{S/cm}$	5.7 $\mu\text{S/cm}$
UV Absorption		A277: 0.016 nm
Detergent	Detergent Concentration: 9.0% - 11.0%	9.0%
Aldehyde	Aldehyde Concentration: $\leq 200.0 \mu\text{mol/L}$	45.0 $\mu\text{mol/L}$
Peroxide	Peroxide Concentration: $\leq 200.0 \mu\text{mol/L}$	37.0 $\mu\text{mol/L}$
Sterility		No growth

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)