



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-358753  
Lot Number: SAMPLE  
Product Name: DEAE Dextran  
CAS Number: 9015-73-0  
Molecular Formula:  $(C_6H_9O_5CH_2CH_2N(C_2H_5)_2HCl)_n$   
Molecular Weight: 500,000

Test	Result
Appearance	White to off-white powder
Molecular Weight	Made from Molecular weight of ~150000
pH	5.9 (5% Aqueous solution)
Viscosity	0.4
Optical Density	0.09 (5% solution)
UV Absorption	0.2 OD unit (at 375 nm, 5% solution)
Loss on Drying	3.2%
Related Substances	Free DEAE-Cl: 3 ppm
Titration	Titration with 1N NaOH: First flex at pH 5.8 - 6.5, 0.3 meq H+/g Second flex at pH 8.0 - 10.0, 0.9 meq H+/g
Nitrogen	3.7%
Sulfated Ash	1.9%

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)