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Replaces: -

# DEAE-Dextran



**CAS Number:** 9064-91-9

**Manufacturing site:** pK Chemicals A/S, Københavnsvej 140, 4600 Køge

**DEAE-Dextran** (Di-ethyl-amino-ethyl Dextran) is a polycationic derivative of Dextran. It is a white, hygroscopic powder, freely soluble in water and salt solutions which, under the right conditions, can be sterilized by autoclaving or by sterile filtration.

## Specification

Test/Characteristic	Limit	Test Method
<b>Appearance</b>	Visual inspection	Internal
<b>Identification</b>	Complies	EP
<b>Nitrogen content</b>	2.8-3.3 %N	EP
<b>Specific optical rotation</b>	+140 to +150	EP
<b>Specific viscosity</b>	0.5-1.0	EP
<b>Absorbance</b>	Max 0.1 (375 nm)	EP and USP
<b>Heavy metals</b>	≤ 5 ug/g	USP
<b>Loss on drying</b>	≤ 7 %	EP and USP
<b>pH</b>	4.0-6.0 (1 % w/v sol)	EP
<b>Residue on ignition</b>	≤ 1.0 %	USP
<b>TYMC</b>	≤ 100 CfU/g	EP / USP
<b>TAMC</b>	≤ 100 CfU/g	EP / USP

**Site Hårlev:**  
pK Chemicals A/S  
Hårlev Mark 2  
4652 Hårlev

**Site Køge:**  
pK Chemicals A/S  
Københavnsvej 140  
4600 Køge

**Telephone:** +45 56 63 03 00  
**E-mail:** [info@pkcas.dk](mailto:info@pkcas.dk)  
**Website:** <http://pkcas.dk/>