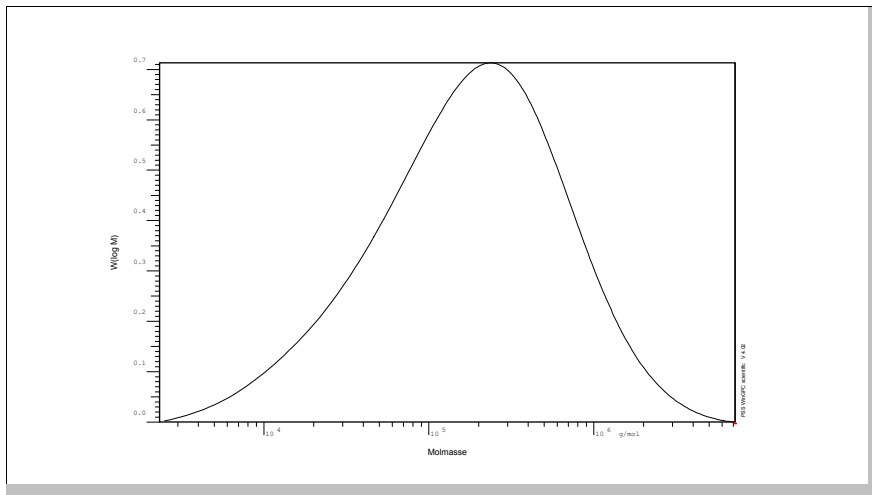


# Certificate of Analysis

Polymer type: Poly(vinyl pyrrolidone) broad  
 Part No: PSS-vpr360k  
 Lot No: vpr360k

## Molar Mass Distribution



## GPC/SEC - Conditions

Sample concentration	3.00 g/l	Injection volume	20 µl
Solvent	0.1M NaNO <sub>3</sub> , 20%CH <sub>3</sub> CN	Flow rate	1.0 ml/min
Data Acquisition Software	PSS WinGPC		

## GPC/SEC - Results

Detector	Mw [Da]	Mn [Da]	Mp [Da]	PDI [Mw/Mn]
Shodex 71	360000	65000	-	5.54

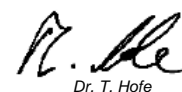
**Note:**

Mw = Weight average molecular weight  
 Mn = Number average molecular weight  
 Mp = Molar mass at the peak maximum  
 PDI = Polydispersity Index

**Storage:** Store the tightly recapped polymer standard in a dry, dark, cool area; e.g. a refrigerator (4 °C).

**Date of expiry:** See product label.

*Manufacture control according to PSS method of analysis*



Dr. T. Hofe  
production director

