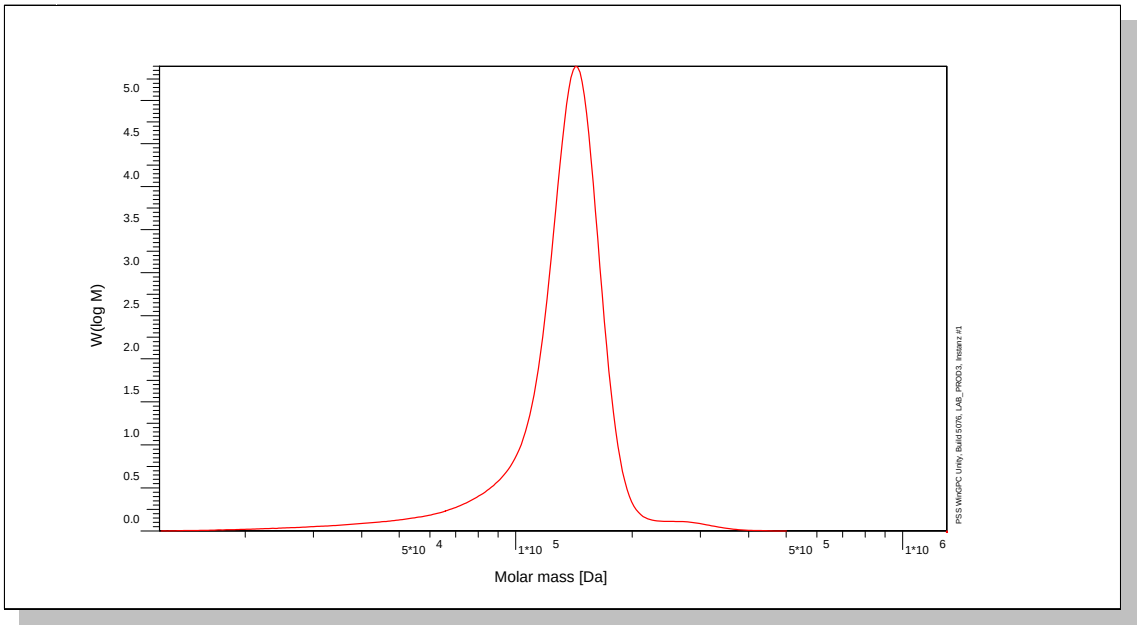
Certificate of Analysis

Polymer type: Poly(styrene)
Part No: PSS-ps136k
Lot No: ps23091

Molar Mass Distribution



GPC/SEC - Conditions

Sample concentration	1,00 g/l	Inject volume	20 µl
Solvent	THF	Flow rate	1,00 ml/min
Precolumn [8 x 50 mm]	PSS SDV 5µm	Temperature	25,0° C
Columns [analytical, each 8 x 300 mm]	PSS SDV 5µm 10e3Å / 10e5Å / 10e6Å		
Data Acquisition Software	PSS WinGPC	Operator	T. Hofe

GPC/SEC - Results

Detector	Mw (Da)	Mn (Da)	Mp (Da)	PDI (Mw/Mn)
Shodex RI 71	133000	124000	142000	1,07

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 and control according to PSS method of analysis

Dr. T. Hofe
production director

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