

ICS 13.300

CCS A 80



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 21864-2008

**Standard test method for molecular weight averages and
molecular weight distribution of polystyrene -- High
performance size-exclusion chromatography**

聚苯乙烯的平均分子量和分子量分布的检测标准方法 高效体积排阻色谱法

(English Translation)

Issued on: May 12, 2008

Implemented on: September 1, 2008

Issued by: Standardization Administration of China

Table of Contents

What this standard covers	1
Document data	2
Standards quoted by this document	3

What this standard covers

This standard specifies performance size exclusion chromatography (HPSEC) Determination of average molecular weight linear soluble polystyrene (Mw) and molecular weight distribution methods. This method is not an absolute method, requires the use of narrow molecular weight distribution polystyrene standards commercially available materials for calibration. This standard applies to the elution volume containing molecular weight components, polystyrene standard material in determining the extent of sample measurement (molecular weight generally 2000g. mol⁻¹ ~ 2000000g. mol⁻¹).

Document data

International classification (ICS): 13.300.

Chinese classification (CCS): A80.

Estimated length of the Chinese original: 22,266 words.

Adopted international standard: ASTM D5296-2005, IDT.

Standards quoted by this document

ASTM D691; ASTM D883; ASTM D2857; ASTM D3016; ASTM E685