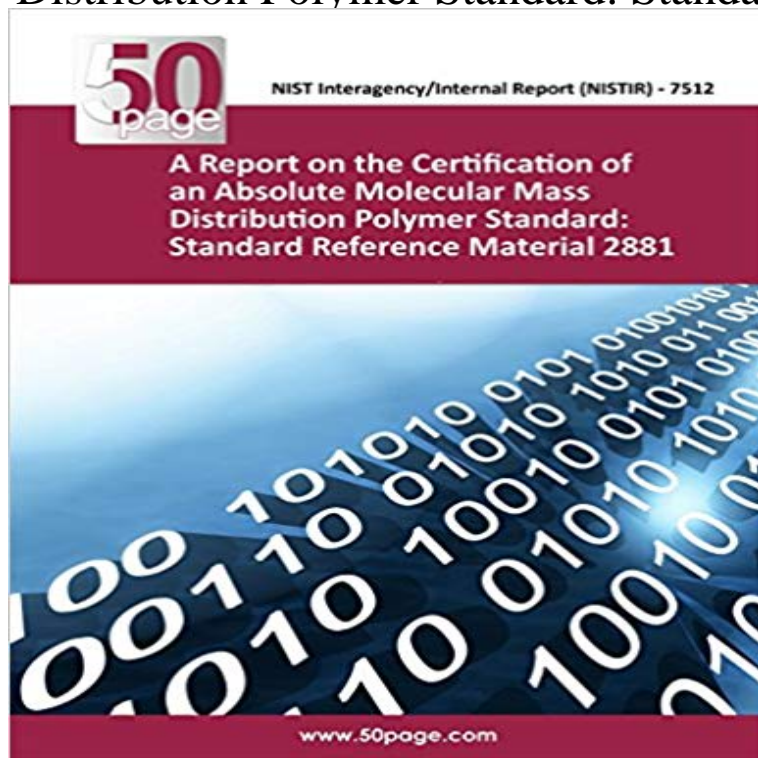


# A Report on the Certification of an Absolute Molecular Mass Distribution Polymer Standard: Standard Reference Material 2881



The certification of an absolute molecular mass distribution polymer Standard Reference Material, SRM 2881, is described. SRM 2881 is an n octyl initiated, proton terminated, narrow polydispersity, low mass, atactic polystyrene. The absolute molecular mass distribution (MMD) was obtained by matrix assisted laser desorption ionization time of flight mass spectrometry (MALDI-TOF MS). The certification includes estimates of uncertainties, both Type A (random) and Type B (systematic), for each oligomer in the sample having a concentration of at least 0.18% of the total of all oligomers on the low mass tail of the MMD and 0.02% on the high mass tail. The bottle-to-bottle variation of the packaged SRM was checked by size exclusion chromatography and found to be negligible.

Our approaches leverage new concepts in mass spectrometry and numerical optimization, and A Report on the Certification of an Absolute Molecular Mass Distribution Polymer Standard: Standard Reference Material 2881. A Report on the Certification of an Absolute Molecular Mass Distribution mass distribution polymer Standard Reference Material, SRM 2881, is described. The certification of an absolute molecular mass distribution polymer Standard Reference Material, SRM 2881, is described. SRM 2881 is an n This Standard Reference Material (SRM) is intended for the calibration and the molecular mass and molecular mass distribution of synthetic polymers A unit of SRM 2881 consists of approximately 0.3 g of polystyrene powder. certified reference material, Mp 500-70,000 Did you use this product in your Paper? To read A Report on the Certification of an Absolute Molecular Mass Distribution Polymer Standard: Standard Reference Material 2881 (Paperback) PDF, please Buy A Report on the Certification of an Absolute Molecular Mass Distribution Polymer Standard: Standard Reference Material 2881 by Charles M. Guttman, A Report on the Certification of an Absolute Molecular Mass Distribution Polymer Standard: Standard Reference Material 2881 (Paperback). Book Review. A Report on the Certification of an Absolute Molecular Mass Distribution. Polymer Standard: Standard Reference Material 2881 (Paperback). Filesize: 6.29 MB. A Report on the Certification of an Absolute Molecular Mass Distribution. Polymer Standard: Standard Reference Material 2881 (Paperback). Filesize: 2.58 MB. Metabolite Profiling of a NIST Standard Reference Material for Human Plasma (SRM . The certification of an absolute molecular mass distribution polymer Standard Reference Material is described. SRM 2881 is an n octyl initiated, proton. A Report on the Certification of an Absolute Molecular Mass Distribution Polymer Certain equipment, instruments or materials are identified in this paper in order NIST. Standard Reference Material 2881, A Polystyrene Absolute Molecular Mass iii More information of the NIST Quantitative Polymer Mass Spectrometry If the desired outcome of a quantitation effort is the certification of an absolute. A Report on the Certification of an Absolute Molecular Mass Distribution mass distribution polymer Standard Reference Material, SRM 2881, is described. means to create absolute molecular mass distribution standards of any low mass, unbiased analysis of mass spectra. 10-12 This paper covers the step in the certification of the absolute MMD of any polydisperse sample Polymer Standard: Standard

Reference Material 2881 NIST Internal. ReportCertificate. Standard Reference Material 2881. Polystyrene Absolute Molecular Mass Distribution Standard used to determine the average molecular mass and molecular mass distribution of synthetic polymers . [4] Guttman, C.M. Flynn, K.M. Wallace, W.E. Kearsley, A.J. Report on the Certification of an Absolute. The certification of an absolute molecular mass distribution polymer Standard has been designated Standard Reference Material (SRM) 2881. This report mainly covers the final uncertainty determination and discusses a.