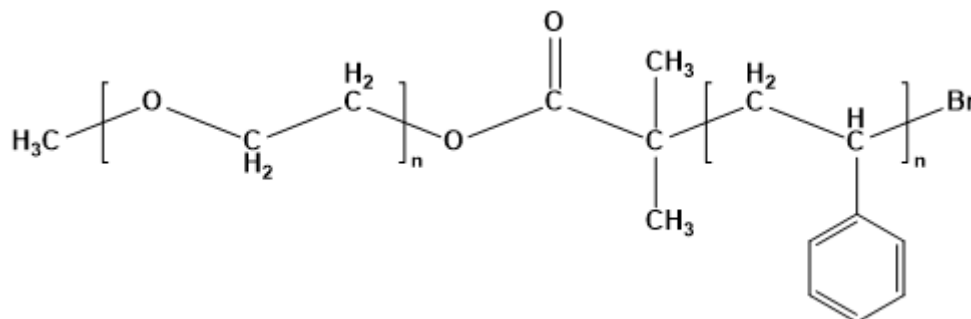


Certificate of Analysis

General properties:

Name: Poly(styrene-b-ethylene oxide) , PS-b-PEO
Molecular Weight: PS:19000 Dalton , PEO:5000 Dalton
Cat.#: R-PL1284-24K
Lot.#: R0774561
Date of Analysis: 2017.03.28
Recommended Retest date: 2018.03.28
Stability: 12 months
Storage: Keep dry 2-8°C

Structure

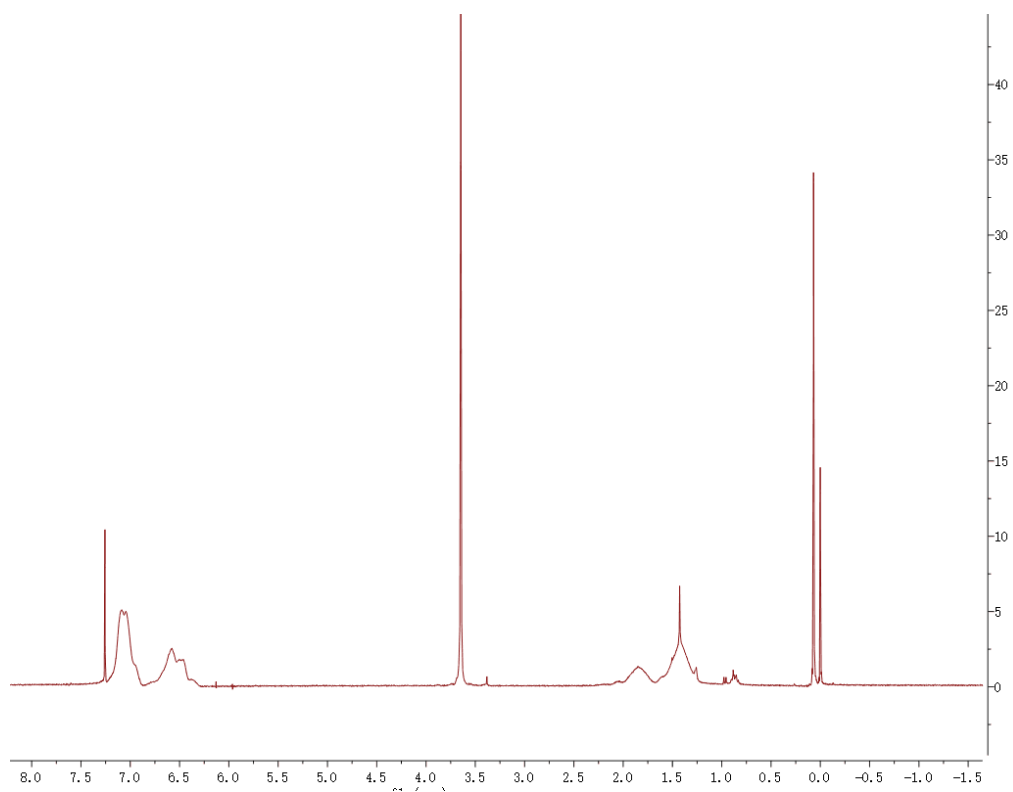


Items	Specification	Results
Appearance	White powder	White powder
¹ H NMR	Identical to the structure	Identical to the structure
Solubility	Water or methanol	Water or methanol
Foreign Material	None	None
PDI	<1.2	1.15

Report Date: 2017.03.28

This product is for research use only, Not for human or animal use

Attachment 1: ^1H NMR



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