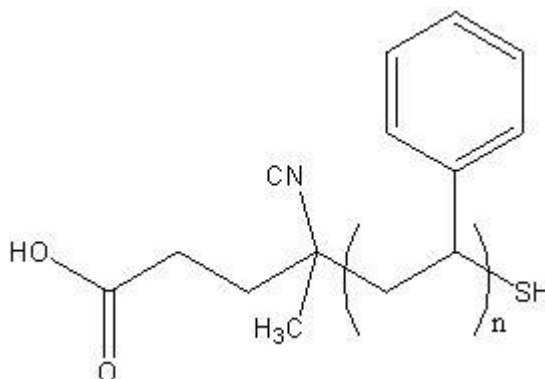


Certificate of Analysis

General properties:

Product Name: PS-SH
 Molecular Weight: PEG MW:550/750/1000/2000/3400/5000/10000 Dalton
 Catalog Number: R-PL3002
 Lot Number: RN018282

Product Structure:



Product Specifications:

Items	Specification	Results
Appearance	Solid powder or viscous liquid	Solid powder or viscous liquid
¹ H NMR	Identical to the structure	Identical to the structure
Substitution of SH by NMR	>90%	>90%
PDI	<1.4	<1.4

Date of Analysis: 2018.11.28

Recommended Retest date: 2019.11.27

Recommended Storage: -20°C

Stability: 1 year

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