

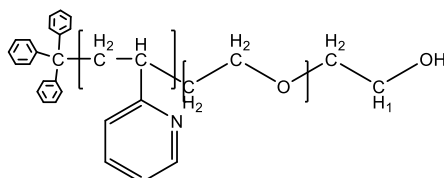
Product Profile

Identification

Product Name: Poly(2-vinyl pyridine)-b-poly(ethylene oxide)

Product Lot Number: P45228F4-2VPEO

Product Chemical Architecture:



Composition:

Mn x 10 ³	Mw/Mn (PDI)	-OH functionality (+99%)
3.0-b-1.0	1.10	T _g of P2VP-OH (91 °C)

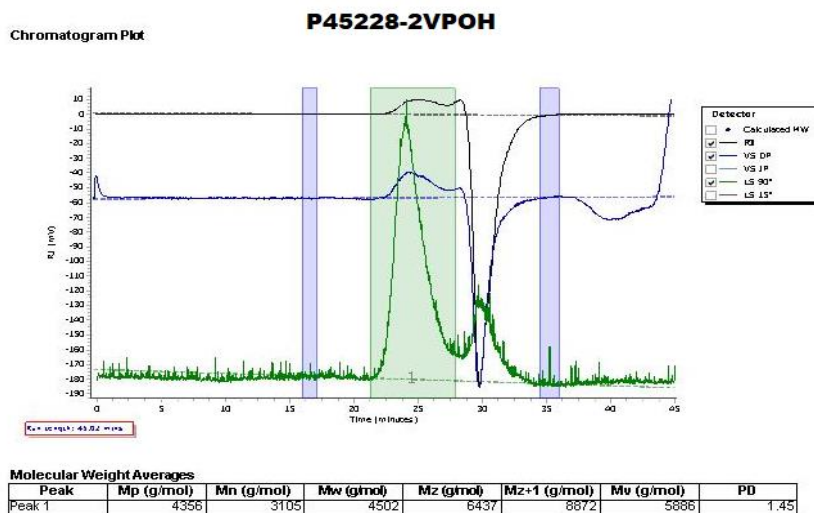
Solubility in different solvents

THF	√		
CHCl ₃	√	CHCl ₃	√
Toluene-Hot	√		

Purification of Polymer: Removal of free initiator by Soxhlet in hexane.

Validation of Architecture:

A. Gel Permeation Chromatography (GPC), SEC- Profile



2VP-EO

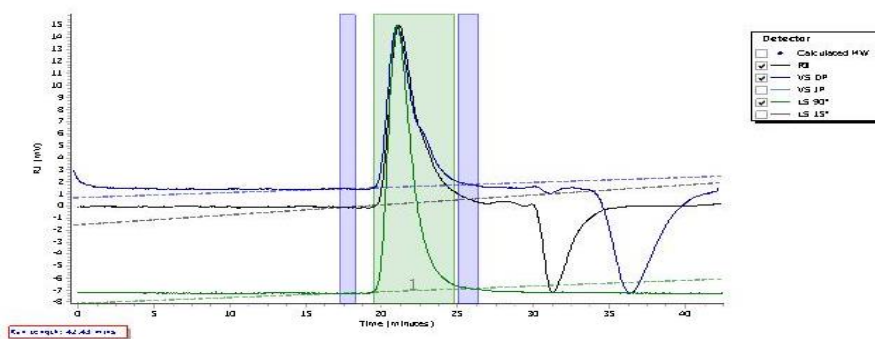
Agilent GPC/SEC Software



Agilent Technologies

Chromatogram Plot

P45228F4-2VPEO



B. H NMR spectrum of P2VPEO:

