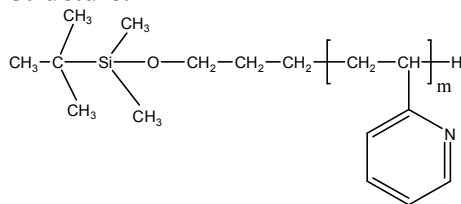


Sample Name:

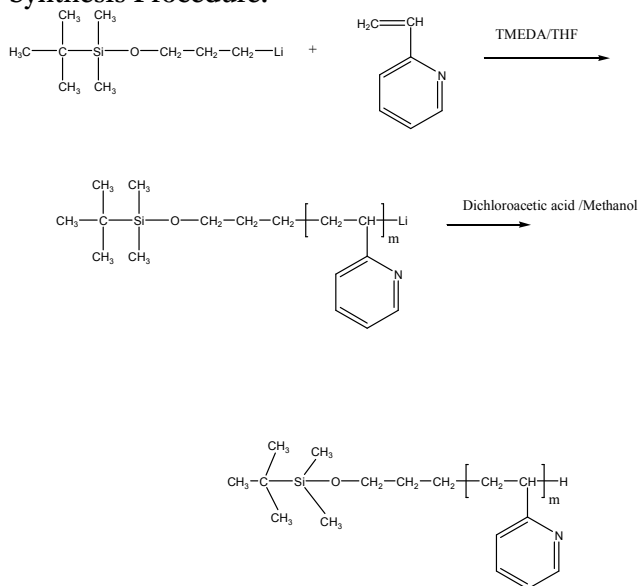
Tert.butyl dimethyl siloxy propyl Terminated
Poly(2-Vinyl Pyridine)

Sample #:

P19184-tBuDMSPr2VP

Structure:**Composition:**

$M_n \times 10^3$	PDI
17.5	1.09
Functionality %	>99%

Synthesis Procedure:**Characterization:**

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

Thermal analysis:

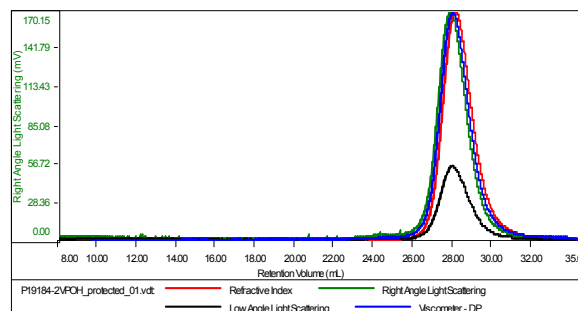
Thermal analysis of the samples was carried out using a differential scanning calorimeter (TA Q100) at a heating rate of 10°C/min. The inflection glass transition temperature (T_g) has been considered.

Solubility:

Polymer is soluble in CHCl_3 and THF.

SEC of Sample:**Sample ID: P19184-2VPOH protected**

Concentration (mg/mL)	45.4812
Sample chdc (mL/g)	0.1670
Method File	PS80K-March6-2015-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersity	Intrinsic Viscosity (dL/g)
P19184-2VPOH_protected_01.vdt	17,383	18,945	18,732	1.090	0.0792