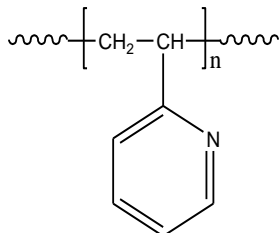


Sample Name: **Poly (2-vinyl pyridine)**

Sample #: P42107-2VP

Structure:



Composition:

Mn x 10 ³	PDI
5.3	1.04
T _g (°C): 82.3	

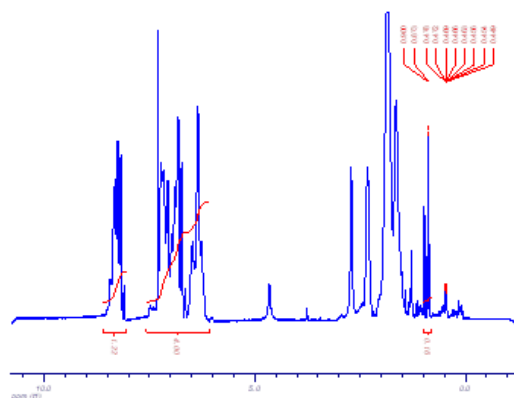
Synthesis Procedure:

The polymer was synthesized by anionic polymerization process.

Characterization:

The product was characterized by size exclusion chromatography (SEC) and ¹HNMR.

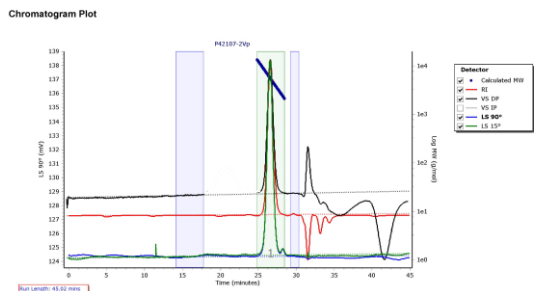
HNMR spectrum of the Polymer:



SEC elugram of the polymer:

Agilent GPC/SEC Software

P42107-2Vp



Molecular Weight Averages							
Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	5490	5319	5526	5733	5943	5698	1.03

Processing Parameters

Processing Parameters	
Method	Last modified by GPC Agilent2 at 10:21:28 AM on July-23-19
Concentration Detector Used in Analysis	RI
Injection volume (µL)	100.00
Flow rate (mL/min)	1.00
Concentration options	Calculate Sample Concentration from Entered Sample Properties
Entered div'dc (mL/g)	0.167
Entered Ext Coeff ((mg/mL) ⁻¹ cm ⁻¹)	1.000
Calculated RI concentration (mg/mL)	4.746

Relationship between Tg and Mn of P2VP:

