

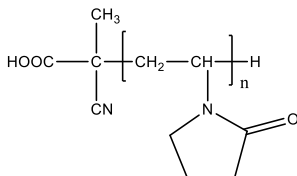
Product Profile

Identification

Sample Name: Poly(N-vinyl pyrrolidone), α -carboxy-terminated

Sample # P45031-NVPCOOH

Structure:



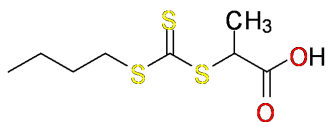
Composition:

$M_n \times 10^3$	$M_w \times 10^3$	PDI
3.0	3.5	1.10
Dp: 27 units		

Synthesis Procedure:

The polymer was synthesized by RAFT polymerization process.

Raft Agent: 2-(Butylthiocarbonothioylthio)propanoic acid

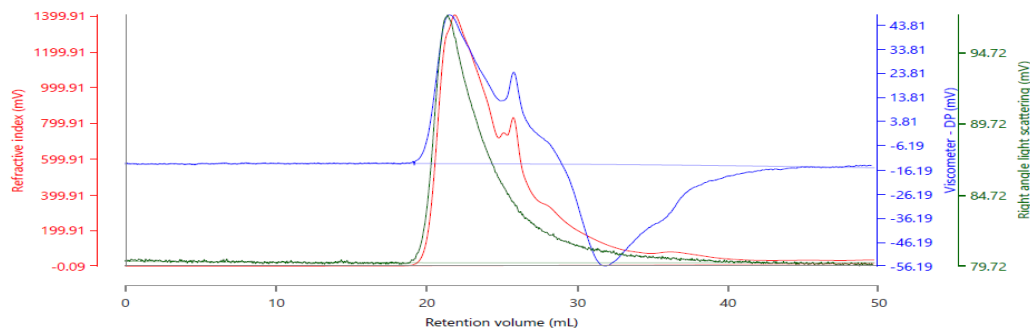


Solubility:

Soluble in water and alcohol.

Characterization:

The product was characterized by size exclusion chromatography (SEC) and ^1H NMR.



Results (Rows)

Injection Name	RV (mL)	Mn (g/mol)	Mw (g/mol)	Mp (g/mol)	Mz (g/mol)	Mw/Mn
PVP_P45031, Injection 1, Peak 1	21.83	3,232	3,589	4,096	4,058	1.11

H NMR spectrum

