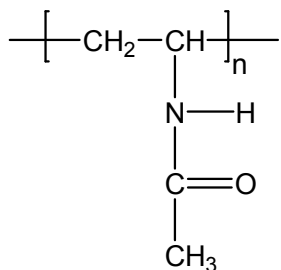


Sample Name: Poly(N-vinylacetamide)

SEC of Homopolymer:

Sample #: P14049-NVA

Structure:



Composition:

Mn x 10 ³	Mw x 10 ³	PDI
2.30	2.53	1.10

Synthesis Procedure:

Poly(N-vinylacetamide) is prepared by controlled radical process.

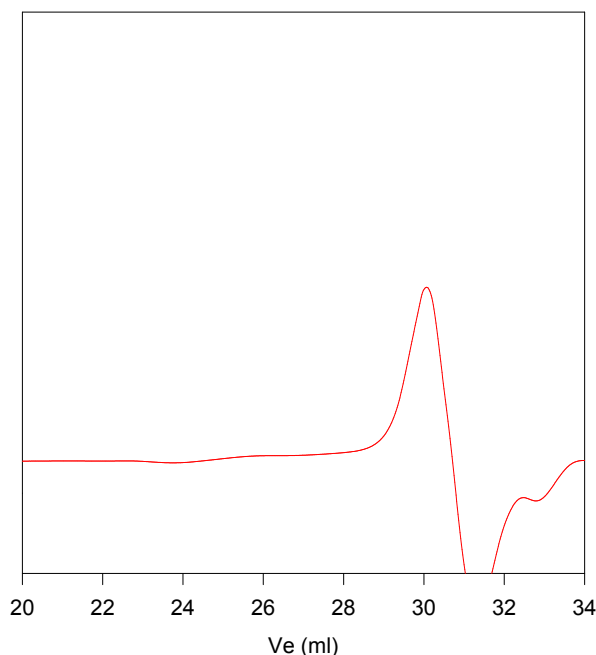
Characterization:

The molecular weight and polydispersity index (PDI) were obtained by size exclusion chromatography (SEC) in DMF. SEC analysis was performed on a Varian liquid chromatograph equipped with refractive and UV light scattering detectors. Three SEC columns from Supelco (G6000-4000-2000 HXL) were used with triple detectors from Viscotek Co.

Solubility:

Poly(N-vinylacetamide) is soluble in water, DMF, insoluble in acetone, hexane and ether.

P14049-NVA



Size exclusion chromatography of copolymer:

M_n=2300, M_w=2530, PI=1.10