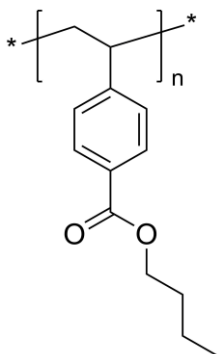


Sample Name:
Poly 4-(nButyl) vinyl benzoate)

Sample #: **P41345B-4nBuVBA**

Structure:



Composition:

$M_n \times 10^3$	PDI
119.0	3.0

Synthesis Procedure:

Poly 4-(nButyl) vinyl benzoate) is prepared by free radical polymerization process of 2-ethylhexyl 4 vinyl benzoate monomer.

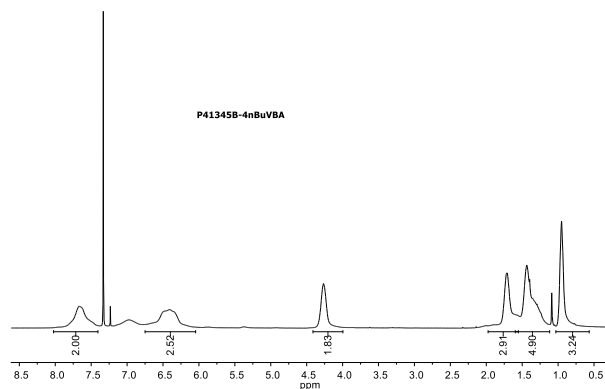
Characterization:

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

Solubility:

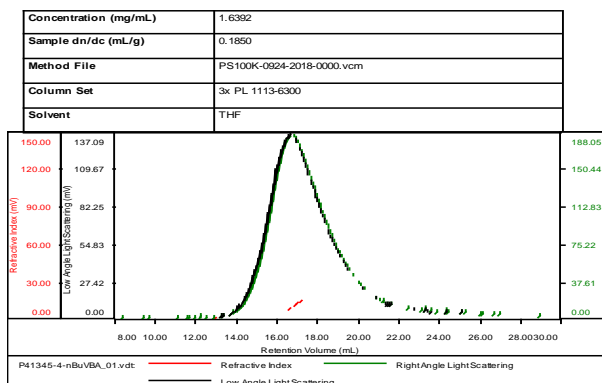
Polymer is soluble in DMF, THF and CHCl_3 . It precipitates from water and cold hexanes.

^1H NMR spectrum of the polymer:



SEC chromatogram:

P41345-4-nBuVB



Sample	M_n (Da)	M_w (Da)	M_w/M_n	IV (dL/g)	M_p (Da)
P41345-4-nBuVB/	118,878	362,346	3.048	2.6221	92,207