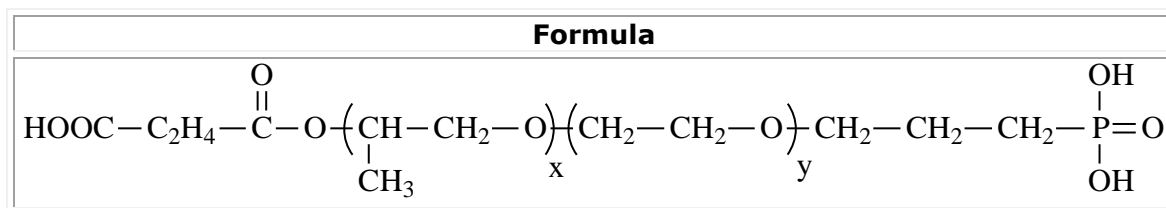




## PRODUCT IDENTIFICATION

Description
PEO/PPO with carboxylic acid and phosphonic acid end groups.

Reference	Designation	CAS Number
SP-1P-10-001	PEO PHOSPHONIC CARBOXYLIC ACID	Not Identified



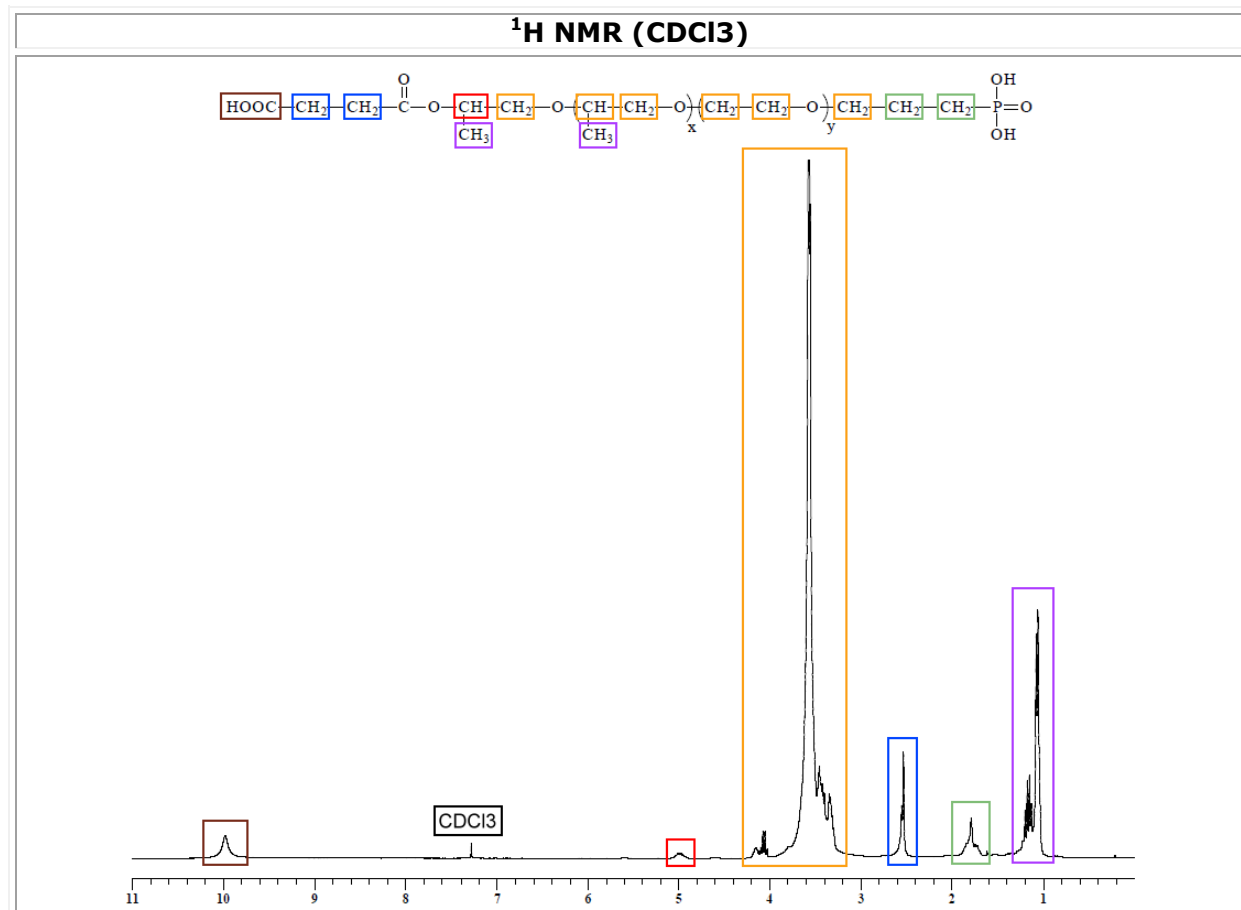
## PHYSICAL / CHEMICAL PROPERTIES

<b>Physical Aspect</b>	Viscous Liquid
<b>Composition</b> ( <sup>1</sup> H NMR Determination)	On demand
<b>Molecular Weight (g/mol)</b> ( <sup>1</sup> H NMR Determination)	On demand

<b>Solubility in</b>	Acetone, Chlorinated solvents, THF
<b>Impurities</b>	Ethanol

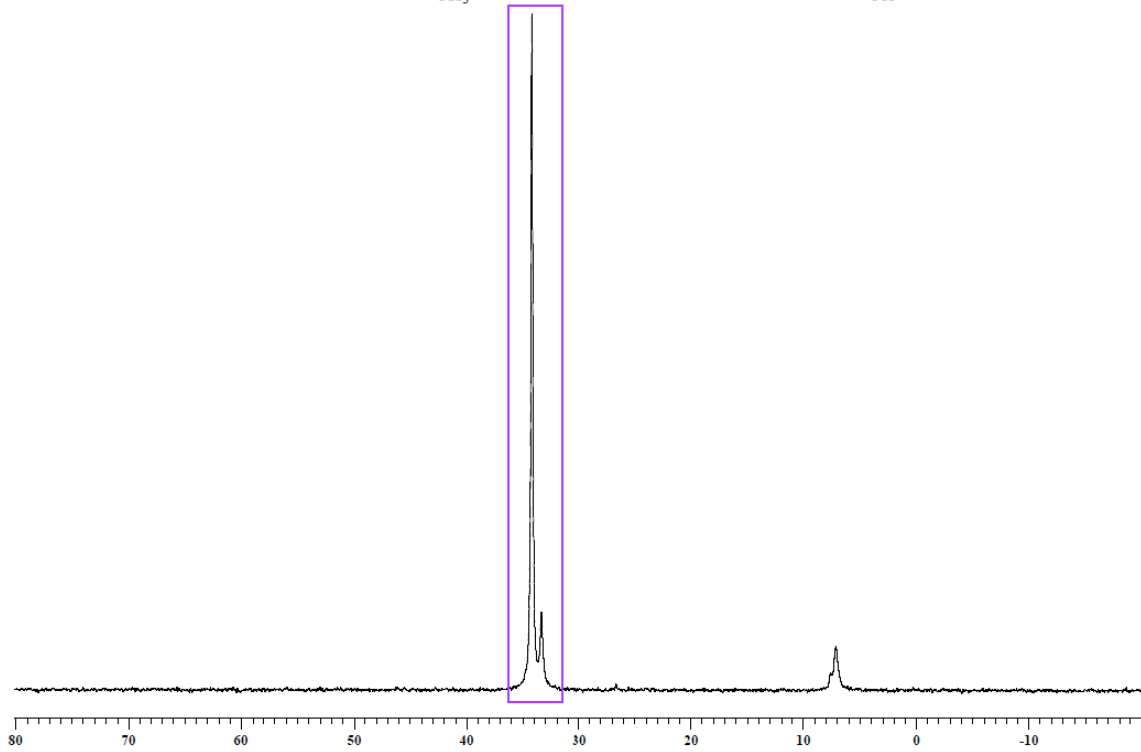
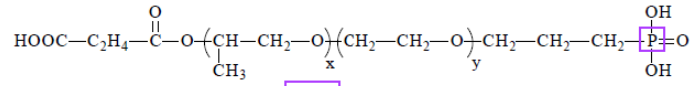


## NMR SPECTRA





### $^{31}\text{P}$ NMR (CDCl<sub>3</sub>)



#### SPECIFIC POLYMERS

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