

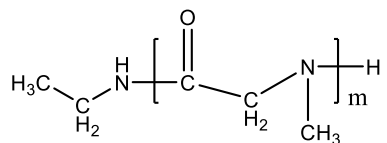
# Product Profile

## Identification

**Product Name:** Poly(Sarcosine) (Glycine N-Carboxyanhydrides)

**Product Lot Number:** P44684B-Sarcosine

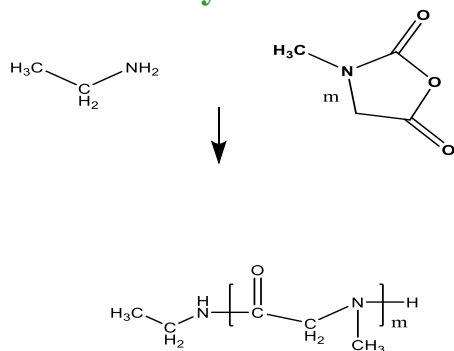
**Product Chemical Architecture:**



**Composition:**

Mn x 10 <sup>3</sup>	Mw/Mn (PDI)
4.0	1.01

## Method of Synthesis:



**Solubility in different solvents**

H <sub>2</sub> O	√		
CHCl <sub>3</sub>	X	Methanol;	√
Toluene	X		

## Validation of Architecture:

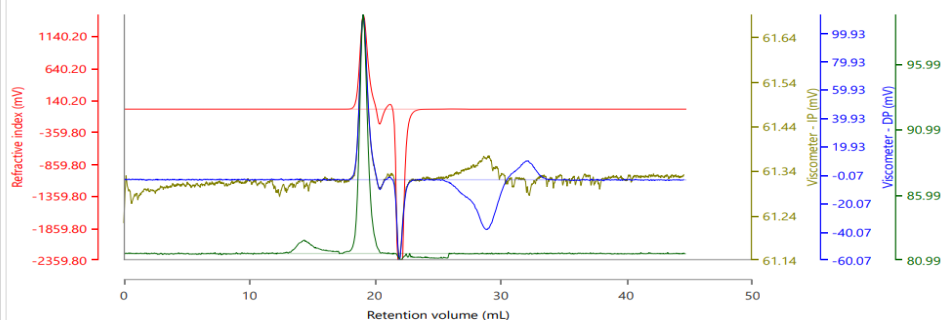
### A. Gel Permeation Chromatography (GPC), SEC- Profile

Polymer Source

Malvern Panalytical



Raw Data Chart



Results (Rows)

Injection Name	RV (mL)	Mn (g/mol)	Mw (g/mol)	Mp (g/mol)	Mz (g/mol)	Mw/Mn
P44684B, Injection 1, Peak 1	19.07	4,182	4,232	4,170	4,308	1.012

**B. NMR (HNMR) of polymer:**

