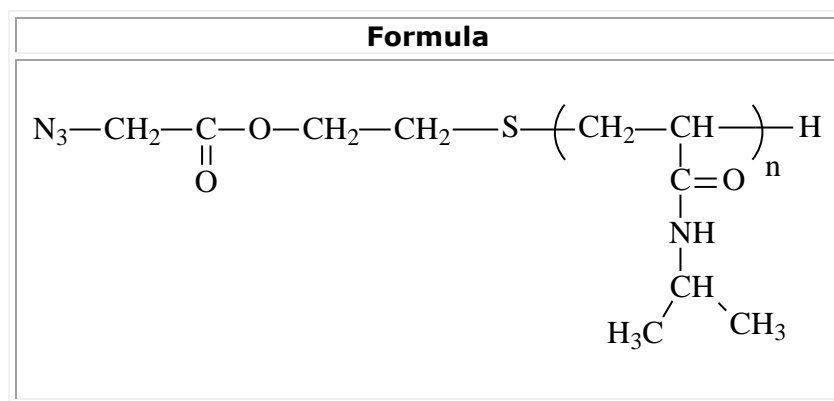




PRODUCT IDENTIFICATION

| Description |
|---|
| NIPAM homopolymer with azide end group. |

| Reference | Designation | CAS Number |
|-------------|------------------------|----------------|
| SP-3P-4-002 | PNIPAM AZIDE END GROUP | Not Identified |



Following assays determined by ¹H NMR.

| | |
|----------------------|--------------------|
| Azide content | Depends on n value |
|----------------------|--------------------|

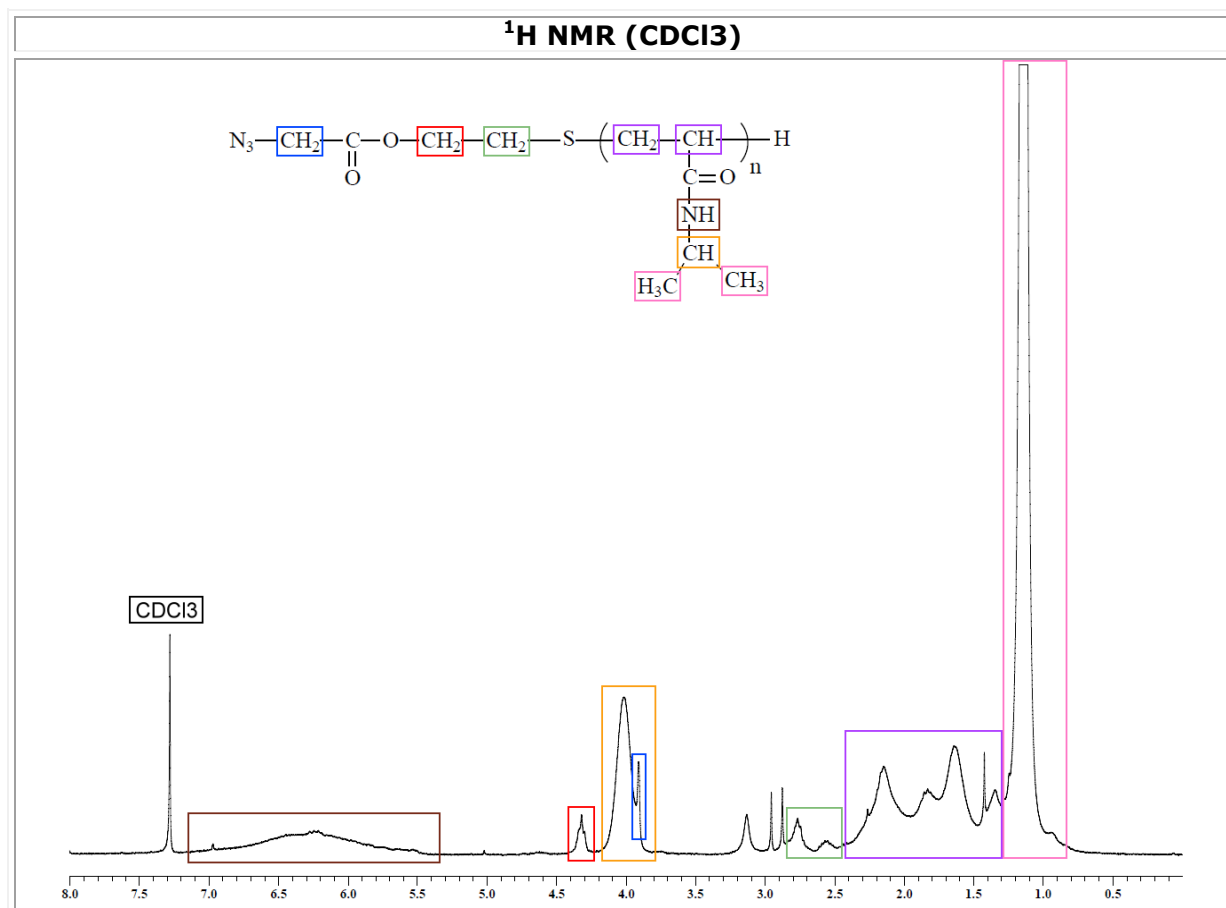
PHYSICAL / CHEMICAL PROPERTIES

| | |
|---|--------------------|
| Physical Aspect | Powder |
| Composition (¹H NMR Determination) | Depends on n value |
| Molecular Weight (g/mol) (¹H NMR Determination) | Depends on n value |

| | |
|------------------------------|---|
| Glass Transition (°C) | Depends on n value |
| Solubility in | Chlorinated solvents, (M)ethanol, Ketones, THF, Water (LCST = 32°C) |



NMR SPECTRA



SPECIFIC POLYMERS

ZAC Via Domitia - 150 Avenue des Cocardières
 34160 Castries - France
 Tél: +33(0) 4 99 74 91 35
 Fax: +33(0) 4 99 74 91 52
 www.specificpolymers.fr