

**ALAMANDA**  
POLYMERS

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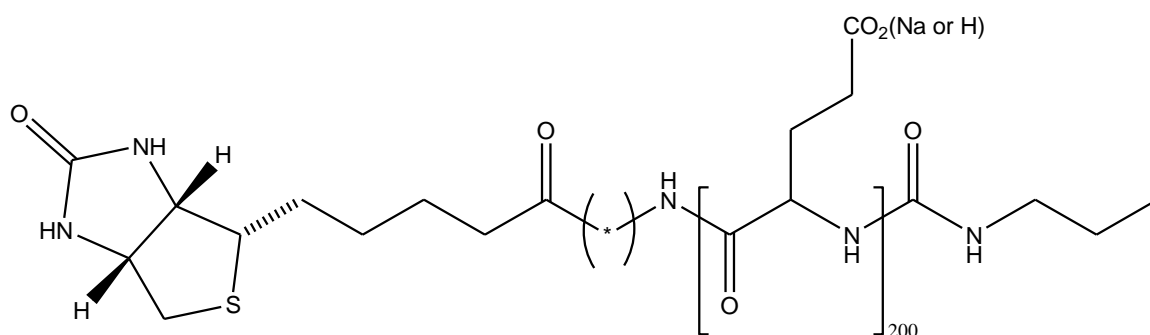
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## Specification Sheet

Chemical name: biotinyl-poly(L-glutamic acid sodium salt)

CAS number: 26247-79-0

Catalog item: BT-PL<sub>E200</sub>, average MW 31000



Catalog number: 000-BTE200

|                           |                                     |
|---------------------------|-------------------------------------|
| Appearance                | White to faint-yellow solid         |
| Solubility                | Clear solution at 50 mg/mL of water |
| Identify by NMR           | Conforms                            |
| Quantitative analysis (%) | Na=11-15                            |
| PDI by GPC                | 1.00-1.20                           |
| MN by NMR                 | 27600-33600                         |
| DP <sub>n</sub> by NMR    | 180-220                             |
| Biotinyl substitution (%) | 95-100                              |