

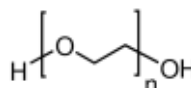
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Poly(ethylene glycol) - for molecular biology, average mol wt 8,000

Product Number: **P5413**  
CAS Number: 25322-68-3  
MDL: MFCD00081839  
Formula: (C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub>H<sub>2</sub>O



| TEST                                | Specification          |
|-------------------------------------|------------------------|
| Appearance (Color)                  | White                  |
| Appearance (Form)                   | Powder                 |
| Solubility (Color)                  | Colorless              |
| Solubility (Turbidity)              | Clear to Slightly Hazy |
| 100 mg/mL, H <sub>2</sub> O         |                        |
| Brookfield Viscosity                | 24 - 32 cps            |
| 25% w/w, H <sub>2</sub> O, 25 deg C |                        |
| DNase, Exonuclease Detection        | None Detected          |
| RNAse Detection                     | None Detected          |
| NICKase, Endonuclease Detection     | None Detected          |
| Recommended Retest Period           | -----                  |
| 3 Years                             |                        |

Specification: PRD.2.ZQ5.1000006986

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.