

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

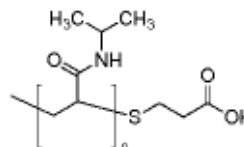
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Poly(N-isopropylacrylamide), carboxylic acid terminated - average Mn 2,000

Product Number: 724815
Batch Number: MKBK4265V
Brand: ALDRICH
Formula: (C₆H₁₁NO)_n · C₃H₅O₂S
Quality Release Date: 03 JUL 2012



Test	Specification	Result
Appearance (Color)	White to Beige	white
Appearance (Form)	Powder or Solid	Powder
Infrared spectrum	Conforms to Structure	Conforms
Proton NMR Spectrum	Conforms to Structure	Conforms
Mn (by NaOH Titration)	1500 - 2500	1915
Carbon		60.2 %
Nitrogen		11.5 %
Sulfur (S)		1.5 %
Poly Dispersity MW/MN		1.3

Jamie Gleason, Manager
Quality Control
Milwaukee, Wisconsin US

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. 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.