

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:

Poly(3-hexylthiophene-2,5-diyl) - regioregular, average M_n 54,000-75,000, electronic grade, 99.995% trace metals basis

Product Number:

698997

CAS Number:

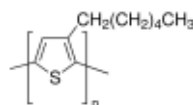
156074-98-5

MDL:

MFCD00217686

Formula:

(C₁₀H₁₄S)_n



TEST

Specification

Appearance (Color)	Brown to Black
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Proton NMR Spectrum	Conforms to Structure
As Regioregular	
Proton NMR	≥ 98 %
Regioregular (Head-to-Tail)	
Molecular Number by GPC	54000 - 75000
Molecular Wt/Molecular Nm (PDI)	≤ 2.5
Trace Metal Analysis	≤ 50 ppm
Purity	Meets Requirements
99.995% Based on Trace Metals Analysis	
Registered Trademark	Confirmed
Solvay USA Inc	

Specification: PRD.1.ZQ5.10000020098

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.