

Certificate of Analysis

Product Name:

POLY(L-LACTIDE), AVERAGE MN 5,000, PDI &

Product Number:

764590

Batch Number:

MKCN1974

Brand:

ALDRICH

Formula:

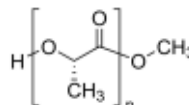
H(C₃H₄O₂)_nOCH₃

Storage Temperature:

Store at 2 - 8 °C

Quality Release Date:

10 JUN 2021



Test	Specification	Result
Appearance (Color)	White to Faint Yellow and Faint Beige and Faint Brown	White
Appearance (Form)	Powder or Solid or Chunk(s)	Powder
Proton NMR Spectrum	Conforms to Structure	Conforms
Molecular Number	4000 - 6000	5629
by HNMR		
Carbon		49.2 %
Specification: Report Results		
Water (by Karl Fischer)	≤ 3.0 %	0.4 %
Molecular Number by GPC		8874
THF, PS		
Specification: Report Results		
Poly Dispersity MW/MN	≤ 1.2	1.2
Note	-----	-----
Mn by HNMR is typically around 58% that of the Mn by GPC		

Larry Coers, Director
Quality Control
Milwaukee, WI 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.

