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Product Specification

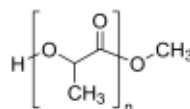
Product Name:

Poly(D,L-lactide) – average M_n 20,000 (NMR), PDI ≤ 1.3

Product Number:

767344

Formula:

 $\text{CH}_3\text{O}(\text{C}_3\text{H}_4\text{O}_2)_n\text{H}$ 

Storage Temperature:

2 - 8 °C

TEST

Specification

Appearance (Color)

Conforms to Requirements

Colorless to Light Yellow and White to Light Yellow

Appearance (Form)

Powder or Crystals

Proton NMR spectrum

Conforms to Structure

Molecular Number by HNMR

17000 - 22000

Carbon

43.0 - 57.0 %

Optical Rotation

-77 - 77 deg

c = 0.5%; CHCl_3

Specification: Report Results

Poly Dispersity MW/MN

 ≤ 1.3

Specification: PRD.4.ZQ5.10000036755

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.