

## Certificate of Analysis

**Product Name:** CAPROMAXX<sup>®</sup> 100 [Poly (Caprolactone)]

**Catalog #** 1100

**Product Lot Number:** BB0306-105D

**Product CAS Number:** 24980-41-4

**Linear Formula** (C<sub>6</sub>H<sub>10</sub>O<sub>2</sub>)<sub>n</sub>

**Storage Temperature:** Around -20°C

**Quality Release Date:** October 14, 2016

TEST	SPECIFICATION	RESULT
Appearance (Color)	White	White
Appearance (Form)	Chips	Chips
Inherent Viscosity (IV) (0.1% in chloroform at 25°C)	2.0-3.0 dL/g	2.2 dL/g
Residual Monomer by NMR	Max. 2.0 mole % Caprolactone	0.09 %
Polymer Composition by NMR	PCL 98-100 (Mole %)	99.91%
Thermal Analysis (DSC)	<b>Melting Point</b> (T <sub>m</sub> ) 56 to 72°C <b>Glass Transition Temperature</b> (T <sub>g</sub> ) (-65) to (-50) °C	T <sub>m</sub> 66°C T <sub>g</sub> -52°C

**Prepared by:**



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**Approved by:**



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