

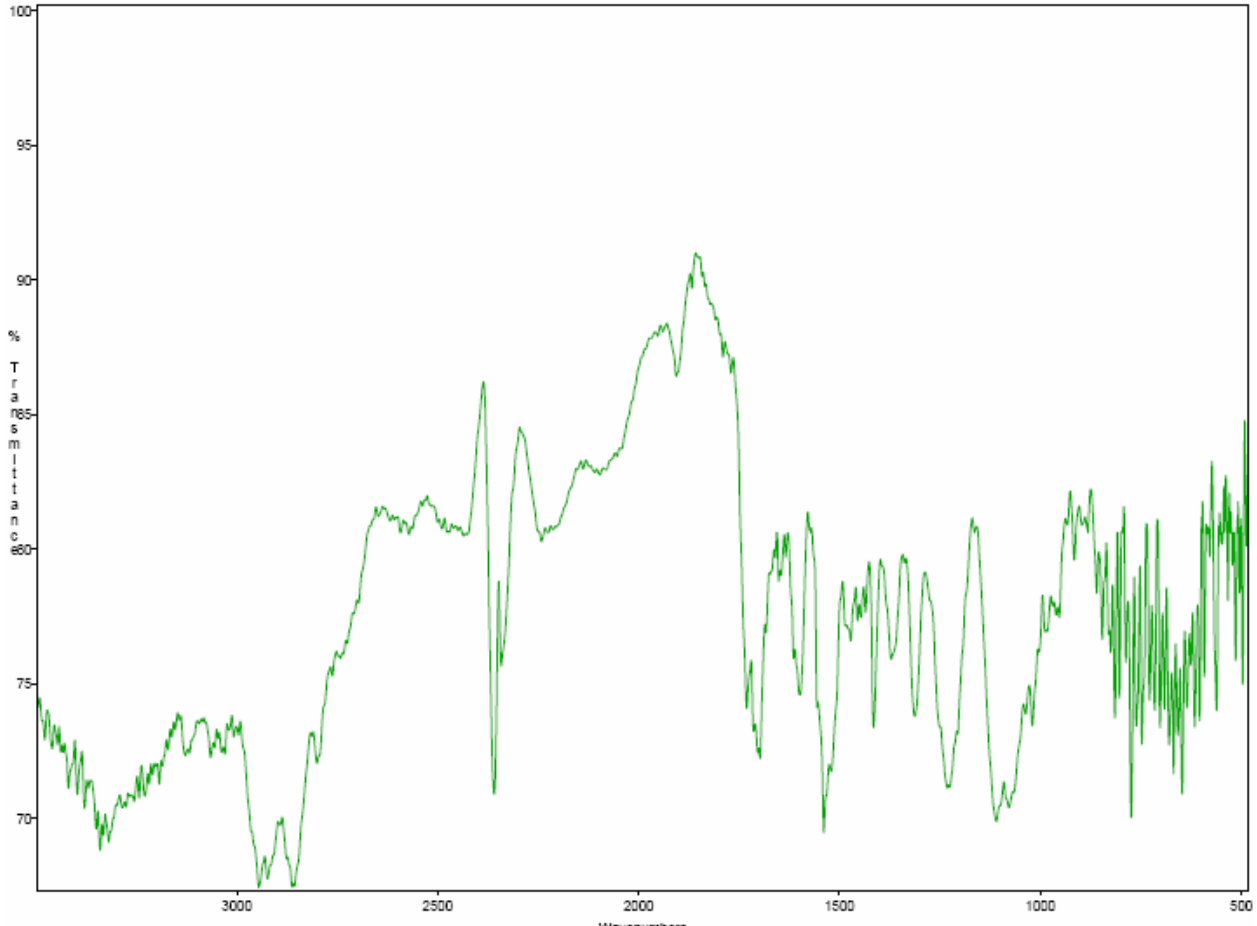
No. AO35

# Certificate of Analysis

Product Name: Poly(4,4-Methylenebis(phenyl)-co-Poly(tetrahydrofuran)(2000)-co-butanediol) urethane (PMPTBD)

(Lot#: 30624JSG)

- **FTIR analysis of PMPTBD copolymers**



Analysis Method: Collected from KBR pellet placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

- **Inherent Viscosity (IV) of PMPTBD in DMF**

Analysis Method: testing performed with a Cannon-Manning Ubbelohde type Semi-Micro calibrated viscometer (size 50 No C286). Sample was 3 x 0.5 ml of 2% w/v PMPTBD in DMF tested at 30°C. Each sample IV determined in triplicate. Values shown are mean ± 5% confidence (t-test).

PMPTBD Inherent Viscosity in DMF (30C)	0.09 ± 0.002 dL/g
--	-------------------

- **Structure of PMPTBD copolymers**

