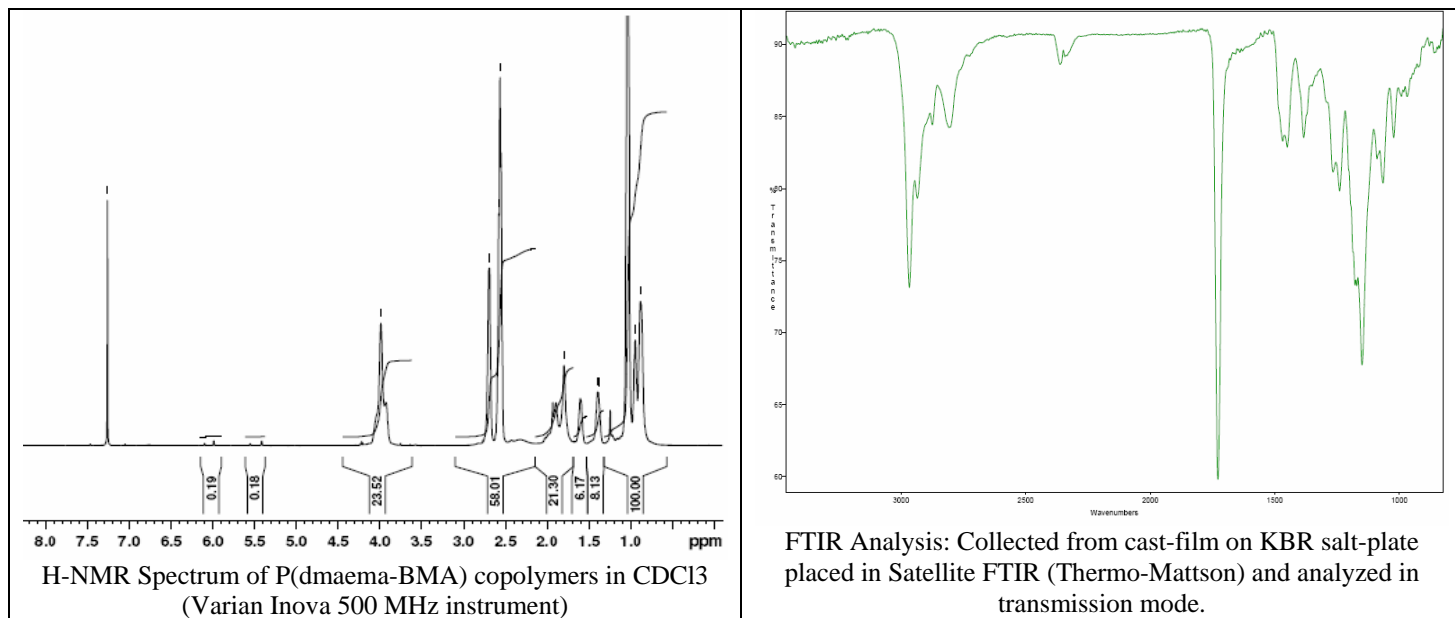


No. AO33

Certificate of Analysis

Product Name: Poly(dimethylaminoethyl methacrylate-co-butyl methacrylate) copolymer (80:20) (Lot#: 30327JSG)



- Inherent Viscosity (IV) of Poly(dimethylaminoethyl methacrylate-co-butyl methacrylate)**

Analysis Method: testing performed with a Cannon-Manning Ubbelohde type Semi-Micro calibrated viscometer (size 50 No C286). Sample was 3 x 1.0 ml of 2% w/v P(dmaema-BMA) in DCM tested at 30°C. Each sample IV determined in triplicate. Values shown are mean ± 100% confidence (t-test).

Sample	Inherent Viscosity
Poly(dimethylaminoethyl methacrylate-co-butyl methacrylate)	1.044

- Structure of P(dmaema-BMA) copolymers**

