

Product Profile

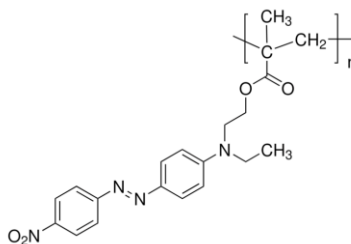
Identification

Product Name: Poly(Disperse Red 1 methacrylate)

Sample #: P45344-DR1MA

CAS# 139096-37-0

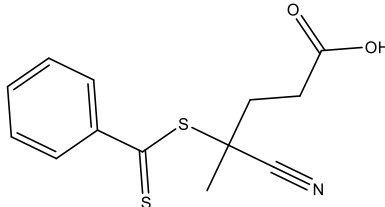
Structure:



Composition:

Mn x 10 ³	Mw/Mn (PDI)
23.0	1.10

Method of Synthesis: By RAFT process and RAFT moiety used

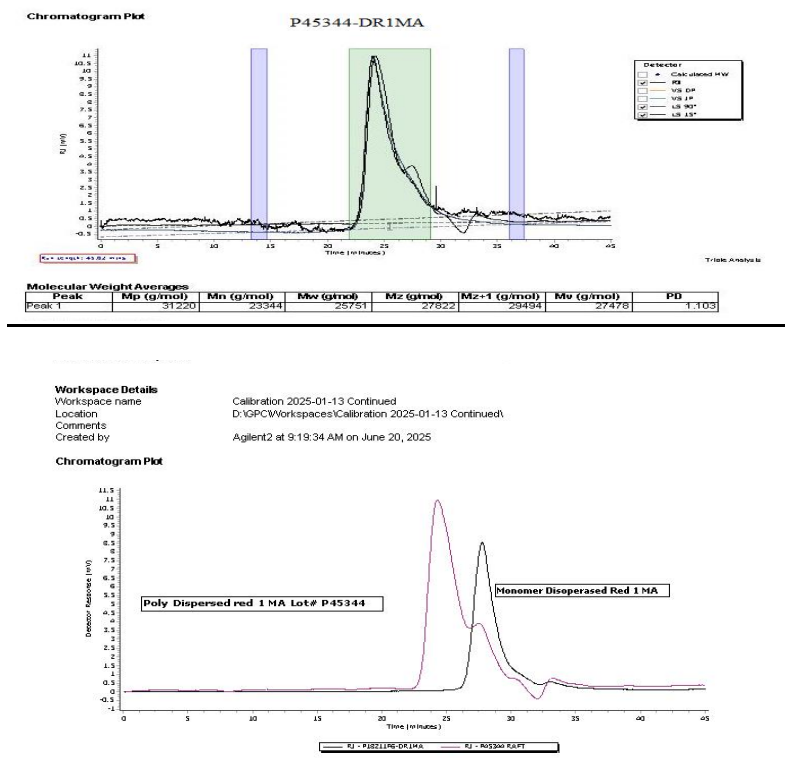


Solubility in different solvents

THF	√		
CHCl ₃	√	Acetone	√
Toluene-Hot	√		

Purification of Polymer By Soxhlet in Hexane and in ethanol and removal of unreacted monomer followed by GPC

A. Gel Permeation Chromatography (GPC), SEC- Profile



B. NMR (HNMR) of polymer and its monomer:

