

Materials List for:

Measurement of Particle Size Distribution in Turbid Solutions by Dynamic Light Scattering Microscopy

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Materials

Name	Company	Catalog Number	Comments
N-isopropylacrylamide, 98%	Tokyo Chemical Industry Co., Ltd.	I0401	
toluene, 99%	Wako Pure Chemical Industries, Ltd.	201-01876	
petroleum ether, distillation temperature 30 ~ 60 °C	Wako Pure Chemical Industries, Ltd.	169-22565	
N,N,N',N'-tetramethylethylenediamine, 99%	Sigma	T9281	
ammonium persulfate, 98%	Sigma	248614	
polystyrene latex suspension, 1 wt %	Duke Scientific Corporation	3500A	
argon	Koike Sanso Kogyo Co., Ltd.		purity> 99.999 vol.%
cavity slide	Matsunami Glass Ind.,Ltd.	83-0336	
inverted microscope	Nikon Instech Co., Ltd.	ECLIPSE Ti-U	
Thermo Plate	Tokai Hit CO.,Ltd	TP-108R-C	
Solid-state laser	Coherent	OBIS 488LX	
avalanche photodiode	ALV-GmbH	ALV-High Q.E. Avalanche Photo Diode	
correlator	ALV-GmbH	ALV-5000/EPP	