

Materials List for:

Thermal Scanning Conductometry (TSC) as a General Method for Studying and Controlling the Phase Behavior of Conductive Physical Gels

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URL: <https://www.jove.com/video/56607>

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Materials

Name	Company	Catalog Number	Comments
SevenCompact S230 conductometer	Mettler-Toledo		equiped with InLab 710 sensor
home-build VTC			
LabX PH 3.2 software	Mettler-Toledo		software used for data aquisition
tetraethylammonium bromide	Sigma-Aldrich	140023	
glycerol	Sigma-Aldrich	G5516	
methyl-4,6-O-(p-nitrobenzylidene)- α -D-glucopyranose			synthezied according to Gronwald, O., Shinkai, S., J. chem. Soc., Perkin Trans. 2 1933-1937 (2001).
[im]HSO ₄			synthezied by group of prof. Mohammad Ali Zolfigol, Faculty of Chemistry Bu-Ali Sina University Hamedan, I.R.Iran according to Bielejewski, M., Ghorbani, M., Zolfigol, M., Tritt-Goc, J., Noura, S., Narimani, M., Oftadeh, M. RSC Adv. 6, 108896-108907 (2016).
polypropylene vial	Paradox Company, Cracow, Poland	PTC 088	www.insectnet.eu