



from the three methods. The effects of concentrations and temperatures on viscosities of TSP 1 and TSP 2 dispersions were similar to the characteristic of pseudoplastic flow. The effect of pH on the rheological properties were investigated. It was shown that viscosities of 2 % TSP 1 and TSP 2 dispersions at pH range of 4-8 did not alter but after prolonged storage the viscosities decreased with the formation of sediment whereas dispersions of 4 % TSP 1 and TSP 2 gave higher viscosities without sedimentation. Drum drying method could be a method of choice for pilot plant production since higher yield is obtained and is more economic. A suitable concentration of TSP 1 and TSP 2 were not less than 4 %. Modification of production may be carried out in the preparation process by separation of a suitable particle size range of the polysaccharide before filtration of the supernatant by filter press in order to obtain uniform size range of the particles and reduce batch to batch variation.