

Poly(glycerol-succinate)oligoesters as bio-based surfactants for stability of o / w emulsion formulated with rice bran oil. / V. Aomchad, J. Singkhonrat. / Nano Studies. – 2015. – # 11.– pp. 49-56. – eng.

Poly(glycerol-succinate) oligoesters, PGS oligoester, were synthesized and characterized by nuclear magnetic resonance and liquid chromatography mass spectrometer. The objectives of this work are to observe the detailed characterization of PGS's structure and to optimize the conditions. The influence of PGS and chitosan concentration on the physical stability of emulsion was studied in 0.25–5wt.% range by visual inspection and microstructural techniques. Fig. 9, Tab. 3, Ref. 4.

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