

In-line monitoring of reactive crystallization process based on ATR FTIR and Raman spectroscopy

Alatalo, Hannu; Kohonen, Jarmo; Qu, Haiyan; Hatakka, Henry; Reinikainen, Satu-Pia; Louhi-Kultanen, Marjatta; **Kallas, Juha** 10th Scandinavian Symposium on Chemometrics : 11-15 June, Lappeenranta, Finland 2007 / ? p
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RAMAN and ATR FTIR spectrometry in reactive crystallization : simultaneous monitoring of solute concentration and polymorphic state of crystals

Qu, Haiyan; Alatalo, Hannu; Dai, Y.; Kohonen, Jarmo; Hatakka, Henry; Louhi-Kultanen, Marjatta; Reinikainen, Satu-Pia; **Kallas, Juha** Proceedings of 17th International Symposium of Industrial Crystallization : 665th Event of EFCE in combination of 8th Workshop of Crystal Growth of Organic Materials : ISIC 17 - CGOM 8 : Maastricht (The Netherlands), September 14-17. 2 2008 / p. 753-760

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Raman spectroscopy in API processing : pre-processing of Raman spectra and in-line monitoring of batch crystallization

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Spectroscopic monitoring of carbamazepine crystallization and phase transformation in ethanol-water solution

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