



Dear Customer, please enjoy reading our actual newsletter !

Frontier Laboratories' Europe Newsletter 02/2017



#### New Technical Notes Available !

The applicability of your GC/MS system greatly expands using Frontier Lab's pyrolyzer and  $\mu$ -Reactors. We always look for new applications and transfer these into easy-to-read technical notes. Currently, we have more than 100 technical notes downloadable for you in our searchable database. Recently, new technical notes have been added:

1. *Identification of an unknown vulcanization accelerator in vulcanized rubber using F-Search and the Additive MS Library*
2. [Analysis of defective POM machine parts](#)
3. *Sampling of micro-samples using Mirco Sample Collector - Qualitative analysis of unknown powders on a table cloth*
4. [Development of a micro-sample collection tool \(Mirco Sample Collector: MSC\)](#)
5. *Effect of hydrogen carrier gas on Py-GC/MS analysis of polymers: Part 1: Hydrogenation of HDPE pyrolyzates*

[click here to download technical notes](#)



#### Meet Us At Upcoming Conferences & Exhibitions

We would be glad to meet you at upcoming conferences and exhibitions in 2017. Feel invited to listen our presentations on various applications and meet us at our booth.

**In Europe, you can meet us here (please click on link for more infos):**

[ISPAC 2017, 11. - 14. June 2017, Linz](#)  
[Kunststofftagung Hochschule Osnabrück, 28.-29. June 2017, Osnabrück](#)  
[European Polymer Federation Conference EPF, 2.-7. July, Lyon](#)  
[Euroanalysis 2017, 28. August. - 01. September 2017, Stockholm](#)

[click here to list upcoming events worldwide](#)

#### New Literatur Available !

Our customers and collaboration partners are successfully working with Frontier Lab Pyrolyzer and  $\mu$ -Reactors in Research and Development. Please check out some new publications listed below:



In-Situ Catalytic Pyrolysis of Dealkaline Lignin Over MZ-H $\beta$

Y.-M. Kim et al, J. Nanosci. Nanotechnol., 17 (2017) 2760-2763

**Catalytic Pyrolysis of Waste Wood Plastic Composite Over H-V-MCM-41**

H.W. Lee et al., Sci, Adv, Mater., 9 (2017) 934-937

Characterization of soil organic matter with different degrees of humification using evolved gas analysis-mass spectrometry

N. Katsumi et al., Talanta 155 (2016) 28-37

**Production of aromatic hydrocarbons via catalytic co-pyrolysis of torrefied cellulose and polypropylene**

H.W. Lee et. al., Energ. Convers. Manage., 129 (2016) 81-88

- many more publications are listed !

**[click here to download publications](#)**



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IMPRESSUM

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