



EICHROM ENVIRONMENT IN 2007-2008

New independant company

- § Michaela Langer bought resin trading part from Eichrom Technologies US
- § Eichrom Environment is a new French company independant from Eichrom US and Eichrom Europe
- § Implementation of a production unit in Rennes




Production unit

- § First batches of each resin (bulk and columns) tested against US characterized products for validation and assurance of identical quality
- § Products made in Rennes with new labels 
- § December 2007: column filling machine implemented for column production 




Labels for Eichrom Environment products

Bottles

Résine TEVA 50g / TEVA Resin 50g Réf./ Ref. : TE-B50-A (100-150 µm) Lot/Batch FTEAyymmjj		
Résine fabriquée le / Resin produced / Resin hergestellt am :		
 Xn: Nocif – Nocive – Gesundheitsschädlich	Classification:	
 N: Dangereux pour l'environnement / Dangerous for Environment / Umweltgefährlich	R22/36/37/38-41-50/53 S26-39-60-61	
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Columns

20 Colonnes Résine TR - 20 TR Resin Columns 20 TR Resin Säulen

Réf./ Ref. : TR-C20-A (100-150 µm)		Lot/Batch: FTRAaammjj	
Résine fabriquée le / Resin produced / Resin hergestellt am : jjmmaa			
 O: Comburant Oxidizing Brandfördernd	 Xn : Nocif Harmful Gesundheitsschädlich	Classification : Carc. Cat.3 R8-36/37/38-40 S23-26-36/37-45-46	

Column filling machine



ISO 9001 certification

§ All Eichrom Environment activities under ISO:

- Design
- Production
- Sales and trade of laboratory consumable

§ Quality control on our products :

- Subcontracted to external laboratories
- Laboratories validated against US QC results
- QC requirement specifications established for each resin type/laboratory
- QC protocol and acceptance criteria established for each resin produced in Rennes (based on existing US protocol)

ISO 9001 certification

- § QC on extractants, bulk resin and columns
- § Additional parameters compared to US QC
- § Typical QC protocol includes:
 - Extractants: D under uptake and elution conditions
 - Bulk: D_w under uptake and elution conditions, Capacity (to be added for TRU and TEVA); in addition for Sr: yield in simplified column experiments and TOC of Sr eluent
 - Columns : Simplified elution study, separation of min. 2 analytes, yield and cross-contamination, filling height and flow rate
- § In case a lot does not pass QC specifications recontrol by two labs
 - Lot passes both controls: liberation
 - Otherwise: no liberation

ISO 9001 certification

- § Responsible for QC: S. Happel
 - 2 other persons are trained to liberate lots and to prepare certificates of analysis
- § All Certificates of Analysis available in 3 languages (FR, EN, DE)
- § All MSDS are in 16 point format and 3 languages (FR, EN, DE)
- § We are working on more ...
- § We are currently undergoing the follow up ISO audit

1st June 2008

§ Eichrom Environment will become TRISKEM International

- Continuation of Eichrom Resins
- New orientation towards new technologies and environmental remediations (heavy metals,...)
- Interest in research cooperations
- What will change: company name and logo
- What will remain the same: people, contact details, quality of products and service

TRISKEM International Logo

