

**From:** [REDACTED]@mmm.com>  
**Sent:** 23 November 2016 17:03  
**To:** [REDACTED] (GROW)  
**Cc:** [REDACTED]; [REDACTED]; [REDACTED] (GROW); [REDACTED] (ENV)  
**Subject:** RE: 3M PFOA analytical method  
**Attachments:** 3M Standard Method for PFAS in Articles of Commerce 11-7-2016 printable.pdf

Dear [REDACTED],

Yes, please feel free to share it with the Member States as well.

I am sending you attached a new version, which should be able to be printed as well – we encountered some problems with the previous version...

Thank you and Best regards, [REDACTED]



[REDACTED]  
Public Policy & Government Affairs, Europe  
3M Europe, Hermeslaan 7 | 1831 Diegem (Brussels) Belgium  
Office: +32.2 [REDACTED] | Mobile: +32 [REDACTED]  
[REDACTED]@mmm.com | [www.3M.com](http://www.3M.com)

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**From:** [REDACTED]@ec.europa.eu [REDACTED]  
[REDACTED]@ec.europa.eu]  
**Sent:** Wednesday 23 November 2016 15:54  
**To:** [REDACTED]@mmm.com>  
**Cc:** [REDACTED]@mmm.com>; [REDACTED]@mmm.com>; [REDACTED]@mmm.com>; [REDACTED]@ec.europa.eu; [REDACTED]@ec.europa.eu  
**Subject:** [EXTERNAL] RE: 3M PFOA analytical method

Dear [REDACTED]

Thank you for your email.

In view of the next REACH Committee meeting in December, where the restriction proposal on PFOA, its salts and PFOA-related substances will be discussed and possibly voted, may we ask if we can also share with the Member States your analytical method.

Thank you in advance for your reply.

Best regards,

[REDACTED]



**European Commission**

DG for Internal Market, Industry, Entrepreneurship and SMEs

REACH Unit - GROW/D.1

BREY [REDACTED] | 1049 Brussels

Tel: +32 2 29 [REDACTED]

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**From:** [REDACTED]@mmm.com]

**Sent:** Tuesday, November 22, 2016 5:09 PM

**To:** [REDACTED] (GROW); [REDACTED] (ENV); [REDACTED]  
(GROW)

**Cc:** [REDACTED]; [REDACTED]; [REDACTED]

**Subject:** 3M PFOA analytical method

Dear [REDACTED], [REDACTED] and [REDACTED],

As you know, 3M has been working on analytical methodology as part of its response to the REACH Annex XV Restriction proposal for PFOA. We are now happy to share with you the outcome.

While the European Union is proposing to restrict PFOA and its salts at a level of 25 parts-per-billion, an important consideration for a restriction of substances at this level is the availability of analytical methods and commercial laboratory capability to determine conformance. Recognizing these challenges, 3M has investigated analytical approaches for PFOA measurement at the 25 ppb level in fluoropolymers.

The attached analytical method is 3M's recommended approach for low-level PFOA measurement in insoluble solid matrices. 3M's purpose in providing this method is to reduce analytical variability that can result from differences in sample preparation and quantification. Though the method has been demonstrated with fluoropolymer samples, it should be relevant for other sample material forms used by the supply chain of fluoropolymer industry. To be noted is that while the method has capability for the proposed restriction threshold of 25 ppb, it has not been demonstrated at lower concentrations. This is expected to be technically even more challenging and not achievable during the 36 month lead time of the Annex XVII restriction.

We would welcome your feedback on our PFOA analytical method. For further information please contact [REDACTED] or [REDACTED] (both in copy).

Kind regards,

[REDACTED]



[REDACTED]

Public Policy & Government Affairs, Europe  
3M Europe, Hermeslaan 7 | 1831 Diegem (Brussels) Belgium  
Office: +32.2 [REDACTED] | Mobile: +32 [REDACTED]  
[REDACTED] [@mmm.com](mailto:[REDACTED]@mmm.com) | [www.3M.com](http://www.3M.com)

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