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## Certificate

The half-time was investigated in a biopersistence study after intratracheal instillation for the fibre sample

RIF-41001

Sponsor: Rockwool International A/S  
Hovedgaden 584  
DK-2640 Hedehusene

This animal study was conducted in compliance with the Principles of Good Laboratory Practice (German Chemicals Law § 19a Appendix 1 pp. 1724-1732, July 25, 1994, amended on May 14, 1997).

The treatment of rats was performed in March 1998 by intratracheal instillation of a total dose of 2 mg fibre material per rat. The mean geometric diameter of the long fibre fraction ( $L > 20 \mu\text{m}$ ) was  $0.63 \mu\text{m}$ . The fibre retention data up to sacrifice date 3 months after instillation were used for analysis. The evaluation was performed according to the protocol of the European Commission (ECB/TM 27 Rev. 7, 1998).

For the long fibre fraction (length  $> 20 \mu\text{m}$ ,  $L/D > 3/1$ ) the **half-time** was  $\leq 40$  days.

Prof. Dr. Uwe Heinrich  
Managing director of Fraunhofer ITA

Dr. Bernd Bellmann  
Study director

For this fibre sample the half-time is below the half-time which is listed in the Guideline 67/548/EWG (revised by guideline 97/69/EC of the Commission dated December 5, 1997) Note Q.