

3M PFAS Studies

Om onderzoekers en regelgevende instanties te helpen de PFAS-technologie beter te begrijpen en te bestuderen, hebben we studies samengesteld die zijn uitgevoerd door 3M en anderen. Aanvullende informatie is te vinden in de openbare nota van het Amerikaanse Environmental Protection Agency (AR-226).

Labo-metingen

1. Feasibility of Using the National Marine Mammal Tissue Bank for Retrospective Exploratory Studies of Perfluorinated Alkyl Acids
By J.M. Lynch, J.M. Ragland, W.K. Reagen, S.T. Wolf, M.D. Malinsky, M.B. Ellisor, A.J. Moors, R.S. Pugh, J.L. Reiner, 2017
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By J.L. Newsted, Ryan Holem, G.A. Hohenstein, C.C. Lange, M.E. Ellefson, W.K. Reagen, S.T. Wolf, 2017
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4. Per- and Polyfluoroalkyl Substances (PFAS) in American Red Cross Adult Blood Donors, 2000- 2015
By G.W. Olsen, D.C. Mair, C.C. Lange, L.M. Harrington, T.R. Church, C.L. Goldberg, R.M. Herron, Hank Hanna, J.B. Nobiletti, J.A. Rios, W.K. Reagen, C.A. Ley, 2017
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5. Perfluorooctanesulfonate (PFOS) Conversion From N-Ethyl-N-(2-hydroxyethyl)-perfluorooctanesulfonamide (EtFOSE) in Male Sprague Dawley Rats After Inhalation Exposure
By S. Chang, B.T. Mader, K.R. Lindstrom, C.C. Lange, J.A. Hart, T.A. Kestner, J.F. Schulz, D.J. Ehresman, J.L. Butenhoff, 2017
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6. Analysis of Perfluoroalkyl and Polyfluoroalkyl Substances in Serum and Plasma by Solvent Precipitation-Isotope Dilution-Direct Injection-LC/MS/MS
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7. Polyfluorinated Substances in Abiotic Standard Reference Materials
By J.L. Reiner, A.C. Blaine, C.P. Higgins, Carin Huset, T.M. Jenkins, C.J.A.F.Kwadijk, C.C. Lange, Derek C.G. Muir, W.K. Reagen, Courtney Rich, J.M. Small, M.J.Strynar, J.W. Washington, Hoon Yoo, J.M. Keller, 2013
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8. Method and Validation for the Analysis of Perfluorinated Compounds in Water by Per-Sampling Isotope Dilution-Direct Injections-LC/MS/MS
By S.T. Wolf, W.K. Reagen, 2013
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9. Temporal Trends of Perfluoroalkyl Concentrations in American Red Cross Adult Blood Donors. 2000 - 2010
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13. Comparison of Extraction and Quantification Methods of Perfluorinated Compounds in Human Plasma, Serum, and Whole Blood
By W.K. Reagen, M.E. Ellefson, Kurunthachalam Kannan, J.P. Giesy, 2008
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By B.T. Mader, 2008
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By Shu-Ching Chang, Kaberi Das, D.J. Ehresman, M.E. Ellefson, G.S. Gorman, J.A. Hart, P.E. Noker, Yu-Mei Tan, P.H. Lieder, Christopher Lau, G.W. Olsen, J.L. Butenhoff, 2008
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By K.J. Hansen, L.A. Clemen, M.E. Ellefson, H.O. Johnson, 2001
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Veldtesten

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46. Comparison of Three Rapid Toxicity Test Procedures: Mircortox, Polytox, and Activated Sludge Respiration Inhibition
By M.T. Elnabarawy, R.R. Robideau, S.A. Beach, 1988
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Behandeling & sanering

Artikelen over behandeling en sanering

47. Reductive Degradation of Perfluoroalkyl Compounds with Aquated Electrons Generated From Iodide Photolysis at 254 nm
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50. Treatment Technologies for Aqueous Perfluorooctanesulfonate (PFOS) and Perfluorooctanoate (PFOA)

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53. Kinetics and Mechanism of the Sonolytic Conversion of the Aqueous Perfluorinated Surfactants, Perfluorooctanoate (PFOA), and Perfluorooctane Sulfonate (PFOS) into Inorganic Products

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