



ETAD

ETAD Methods

These methods have been recommended to the member firms following appraisal and development by the appropriate ETAD committees.

Analytical (PCBs)

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| No. 229 New | Determination of total content of polychlorinated biphenyls in pigments by dissolution, cleanup and GC/MS, 2011 . |
| M 3/10-8/1990 | Experience with Sistovaris and Donges' Method for determination of adventitious PCBs and PCTs in colorants. Report by Analytical Subcommittee, 1990 . |
| M 3/9-8/1990 | Determination of PCBs in colorants by combined GC-MS detection, 1990 . |
| A 4003-3/1989 | Guidelines for the determination of inadvertent polychlorinated biphenyls (PCBs) in colorants, 1989 . |
| M 1/10-1/1987 | Isolation and clean-up of polychlorinated biphenyls (PCBs) from colorants via column chromatography, 1987 . |
| M 1/9-1/1987 | Isolation of lipophilic impurities (e.g., PCBs) from colorants via liquid/liquid extraction, 1987 . |
| M 1/8-1/1987 | Isolation of chlorinated biphenyls from colorants insoluble in water and in organic solvents via Soxhlet extraction, 1987 . |
| A 4003-226-12/1987 | Determination of the maximum possible level of polychlorobiphenyls (PCBs) and polychloroterphenyls (PCTs) in colorants by perchlorination, 1987 . |
| A 4003-224-9/1986 | Determination of polychlorinated biphenyls (PCBs) by perchlorination, 1986 . |
| A 4003-218-1/1986 | Determination of polychlorobiphenyls (PCBs) in copper phthalocyanine using reduction to biphenyl, 1986 . |
| A 4003-223-7/1985 | Determination of monochlorobiphenyls in copper phthalocyanine, 1985 . |
| A 4003-222-8/1981 | Determination of decachlorobiphenyl in fully chlorinated phthalocyanines, 1981 . |
| A 4003-219-9/1979 | Determination of polychlorobiphenyls (PCBs) typically present in trace amounts in 3,3'-dichlorobenzidine-based pigments, 1979 . |
| A 4003-214-3/1979 | Determination of polychlorobiphenyls (PCBs) in copper phthalocyanine, 1979 . |

Analytical (general)

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| A 4022-227-3/1992 | Monitoring of dyestuffs in drinking water, 1992 . |
| A 4020-228-7/1991 | Measurement of Inspirable Dyestuff Dusts in the Dyehouse Atmosphere, 1991 . |
| A 4015-225-1/1987 | Determination of Cr ^{VI} traces in water-soluble Cr ^{III} complex dyes by Ion-Chromatography. Supplement to A 4015-225-1987. In this supplement problems arising with <i>solvent</i> soluble chromium ^{III} complex dyestuffs are discussed and a procedure to determine the level of extractable total chromium (Cr ^{VI} and Cr ^{III}) in such dyestuffs is described, 1987 . |



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| No. 212 revised | Determination of unsulfonated primary aromatic amines in pigments and in solvent-soluble dyestuffs intended for use in food packaging. Revision November 1984 . This method was approved as DIN 55610 „Prüfung von Pigmenten und lösungsmittellöslichen Farbstoffen. Bestimmung unsulfonierter, primärer aromatischer Amine” |
| No. 221 | Quantification of the limits of “no visible migration” of synthetic organic pigments under conditions of testing using the contact paper method, 1980 . |
| No. 216 | Determination of C. I. Acid Green 108 in fish flesh (carp) using high performance liquid chromatography, 1980 . |
| No. 217 | Determination of 4-aminobiphenyl and benzidine in C. I. Solvent Black 5 (Nigrosines and Indulines), 1979 . |
| No. 215 | Determination of 4-aminobiphenyl in C. I. Solvent Black 5, 1979 . |
| No. 213 | Determination of reactive and acid dyes in fish (carp), 1979 . |
| No. 212 | Proposed method for the determination of unsulphonated primary aromatic amines in pigments and in solvent-soluble dyestuffs intended for use in food packaging materials, 1979 . |
| No. 211 | Accumulation of dye in fish; methods of determination for chromium, nickel and cobalt complex dyestuffs, 1976 . |
| No. 210 | The determination of reactive dyes in dilute aqueous solution. Range: 0.1 to 1 ppm, 1976 . |
| No. 209 | Determination of Direct Black ANBN in the presence of whole fish (goldfish and carp), 1976 . |
| No. 208 | Determination of the accumulation of C. I. Reactive Blue 121 in fish, 1976 . |
| No. 207 | Determination of the accumulation of C. I. Reactive Red 158 in the bodies of golden orfe, 1976 . |
| No. 206 | Determination of C. I. Basic Yellow 49 in fish, 1976 . |
| No. 205 | Determination of disperse dyes in fish, 1976 . |
| No. 204 | The accumulation of C. I. Acid Yellow 222 in the bodies of various types of fish, 1976 . |
| No. 203 | Determination of C. I. Disperse Blue 295 in mirror carp (<i>Cyprinus carpio</i> L.), 1976 . |
| No. 202 | Method for the determination of α - and β -naphthylamine in C. I. Acid Black 7. This method is suitable for water-soluble dyestuffs, 1976 . |
| No. 201 | Method for the determination of α - and β -naphthylamine in C. I. Solvent Brown 1/2, 1975 . |



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Ecological

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| No. 105 | A screening test for assessing the primary anaerobic biodegradability of water-soluble dyestuffs, 1982 . |
| No. 104 | Method of evaluation of inhibition of microbial respiratory activity of the microorganisms of activated sludges and the microorganisms of rivers, 1979 . |
| No. 103 | A screening test for the assessment of the possible inhibitory effect of a chemical substance on aerobic wastewater bacteria, 1979 . |
| No. 102 | Continuous activated sludge test. Modified OECD-confirmatory test for the determination of biological elimination. (Also known under the recent designation of OECD dynamic simulation test), 1975 . |
| No. 101 | A simple method of determining the biodegradability of products and contaminants in waste water. Static method (R. Zahn and A. Wellens), 1975 . |

Toxicological

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| No. 006 | Determination of acute inhalation toxicity of dusts, 1980 . |
| No. 005, 1980. | Revised method for <i>Salmonella</i> / microsome test (Ames test). |
| No. 004 | Protocol for <i>Salmonella</i> / microsome test (Ames test). |
| No. 003* | Examination of irritant action on the eye. |
| No. 002* | Examination for primary skin irritant action. |
| No. 001* | Determination of the acute oral toxicity (LD ₅₀). |

*now superseded by OECD methods.