

Features of Polychlorinated Biphenyls Nitration

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Abstract—Nitration of mono-, di-, and trichlorobiphenyls has been studied. The nitration degree depends on the number of chlorine substituents; one to four nitro groups can be introduced. The conclusions have been confirmed by results of nitration of the “Trikhlorbifenil” technical mixture of polychlorinated biphenyls.

Keywords: polychlorinated biphenyls, nitration, gas chromatography, mass spectrometry

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