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ERRATUM

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EXPERIMENTAL STUDY OF MODEL BONDED
STATIONARY PHASES FOR LIQUID CHROMATOGRAPHY
I. SILICA/POLYETHYLENEOXIDE

J. Lecourtier, R. Audebert and C. Quivoron

Systems for which adsorption occurs on pure silica.

Figure 1 : Elution of polyethyleneoxides by acetonitrile on pure silica Si 60 and silica bonded with polyethyleneoxide $\bar{M} = 400$. ($\tau = 15 \%$, 14% , 8%). (V_0 = dead volume of the column).

Figure 2 Elution of polyethyleneoxides by acetonitrile (●) and tetrahydrofuran (□) on silica bonded with polyethyleneoxide $\bar{M} = 2.10^4$ ($\tau = 22 \%$).

System leading to no significant adsorption on pure silica.

Figure 3 : Elution of polyethyleneoxides by dimethylformamide on pure silica Si 60 (○) and silicas bonded with polyethyleneoxides $\bar{M} = 200$ (★), $\bar{M} = 400$ (□), $\bar{M} = 2.10^4$ (○) and $\bar{M} = 5.10^6$ (□).

Figure 4 : Elution of polystyrenes on silica bonded with polyethyleneoxide $\bar{M} = 400$ by tetrahydrofuran (●), chloroform (★) and dimethylformamide (□).

Figure 5 : Elution of polystyrenes on silica bonded with polyethyleneoxide $\bar{M} = 5.10^6$ by tetrahydrofuran (●), chloroform (★), and dimethylformamide (□).