

**SOLID-PHASE DISK EXTRACTION
OF RESORCINOL SERIES PHENOLS
BY BAKERBOND *Speedisk*TM DVB**

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*Solid-phase disk extraction of resorcinol-series phenols, the main components of oil-shale-originated phenolic pollution, is described by bed depth-service volume model. The effect of concentration ($C_0 = 0.025\text{--}1.5 \text{ mg dm}^{-3}$) and flow rate ($w = 3.3\text{--}97 \text{ cm}^3 \text{ min}^{-1}$) on the dynamic capacity and the extraction rate constant γ for disk extraction of resorcinol (R), 5-methyl-resorcinol (5-MR) and 2,5-dimethylresorcinol (2,5-DMR) on the disk BAKERBOND *Speedisk*TM SDB is studied.*

The linear isotherm is revealed with distribution factors for R – 55; 5-MR – 265, and 2,5-DMR – 553 (mg dm^{-3})_S/ (mg dm^{-3}) _L. The proportional increase of γ with increase in w and in C_0^{-1} is proved.