

## Products Flow Manipulation of Four-Zone Simulated Moving Bed Chromatography System for High Enrichment Products

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It is obtained considerably diluted products separated by four-zone simulated Moving Bed (SMB) chromatography system in product ports of this system, when zone I and IV flow rates are far from the optimum condition. It is purpose of this study that realizes manipulated SMB system more highly increased enrichment products than established SMB system. Target SMB system configuration is four-zone SMB and each zone has two columns. Each product port operated to obtain product flow fraction which is high concentration product interval in one switching time. Zone I and zone IV profiles of SMB chromatography system is shifted as a result of this manipulated product flow operation.