

Data code:

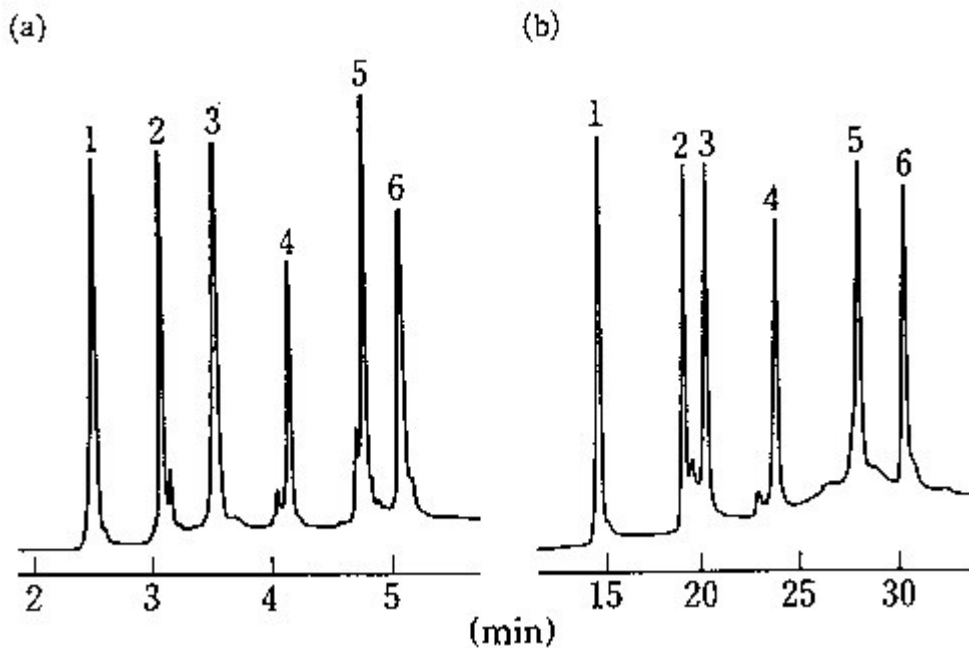
T00362

Application Title:

Separation of standard proteins by reversed-phase chromatography (1)
- comparison between TSKgel Octadecyl-NPR and TSKgel Octadecyl-4PW -

Compound:

1) Ribonuclease, 2) Insulin, 3) Cytochrome C, 4) Lysozyme,
5) Alpha-lactalbumin 6) Myoglobin



Chromatographic conditions

Column: TSKgel Octadecyl-NPR, P/N 14005, 2.5 μm , 4.6 mm ID \times 3.5 cm \times 1

Column 2: TSKgel Octadecyl-4PW, P/N 13351, 7 μm , 4.6 mm ID \times 15 cm \times 1

A: 15% Acetonitrile / TFA = 99.95 / 0.05

Mobile Phase: B: 80% Acetonitrile / TFA = 99.95 / 0.05

Linear gradient from A to B for 10 min (a), 60 min (b)

Flow Rate: 1.5 mL/min for (a), 1.0 mL/min for (b)

Detection: UV/VIS @ 220 nm

Temperature: 25 $^{\circ}\text{C}$

Sample(s): Standard

Sample Load: 0.5 μg each for (a), 3 μg each for (b)

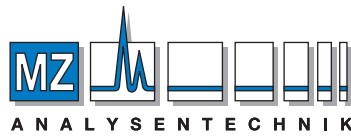
Reference: TOSOH Separation Report

Title: Separation of protein and peptide by reversed-phase chromatography on TSKgel Octadecyl-NPR

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Chromatographic
conditions

Comments:

Chromatogram (a) TSKgel Octadecyl-NPR,
Chromatogram (b) TSKgel Octadecyl-4PW