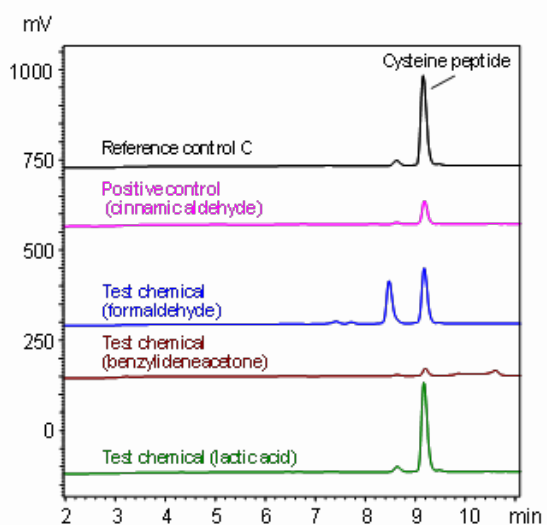


LC Reversed-phase Shim-pack Series

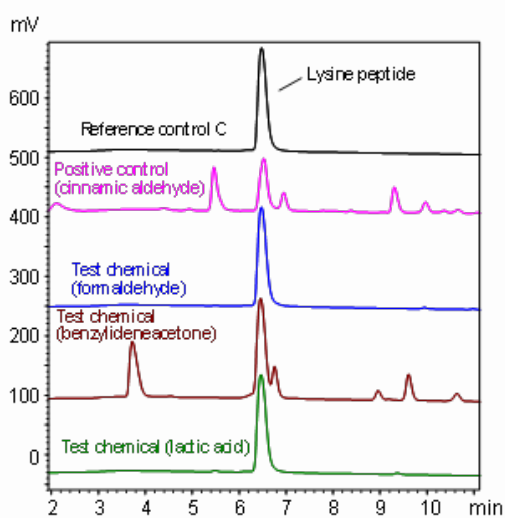
Shim-pack™ HR-ODS

Analysis of DPRA (Direct Peptide Reactivity Assay) for Skin Sensitization Testing

Keywords: animal bioassay, cosmetics



Chromatograms of Sample Solutions for Cysteine Peptide



Chromatograms of Sample Solutions for Lysine Peptide

System	: Prominence™-i
Column	: Shim-pack HR-ODS (100 mm L. × 2.1 mm I.D., 3 μm), P/N : 228-59908-91
Mobile phase	: A: 0.1 %TFA-water, B: 0.085 %TFA-acetonitrile
Time program	: B Conc. 10 % (0 min) → 25 % (10 min) → 90 % (11 min →13 min) →10 % (13.5 min →20 min)
Flow rate	: 0.35 mL/min
Column temp.	: 30 °C
Injection vol.	: 7 μL
Detection	: PDA 220 nm

Source : Application News L531 ([JP](#), [ENG](#))

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