

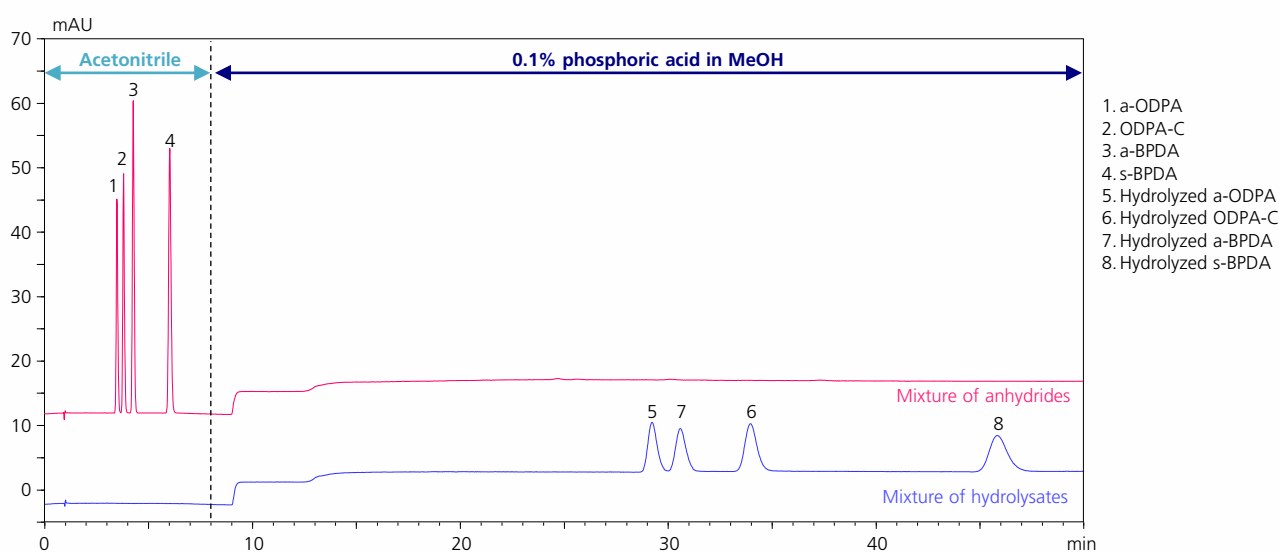
CoreFocus
Report
No.501

SFC Normal-phase Shim-pack Series

Shim-pack™ UC-PolyBT

Analysis of Carboxylic anhydride

Keywords: Polyimide, Chemical synthesis



Column	: Shim-pack UC-PolyBT (250 mm x 4.6 mm I.D., 5 µm) P/N: 227-32503-12
Mobile Phase A	: CO ₂
Mobile Phase B	: Acetonitrile (0 - 8 min) 0.1% phosphoric acid in MeOH (8 - 30 min)
Flow Rate	: 3.0 mL/min
Time Program	: B.Conc. 10% (0 - 8 min) → 5% (8 - 50 min) → 10% (50 - 55 min)
Column Temp.	: 40 °C
BPR Pressure	: 15 MPa
BPR Temp.	: 50 °C
Detection	: MaxPlot 250-300 nm (PDA with a high pressure flow cell)
Injection Volume	: 2 µL
Vial	: SHIMADZU LabTota for LC 1.5 mL, Glass, P/N: 227-34001-01

Source : Application News an_01-00478 ([JP](#))

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HPLC Column Solutions - Reversed phase and Normal phase -
Shim-pack

➤ Shim-pack UC Series
(SFC Columns)
HPLC Column

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➤ Processing Industry
(Petrochemical, Ch

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