

CoreFocus
Report
No.342

GC

FID

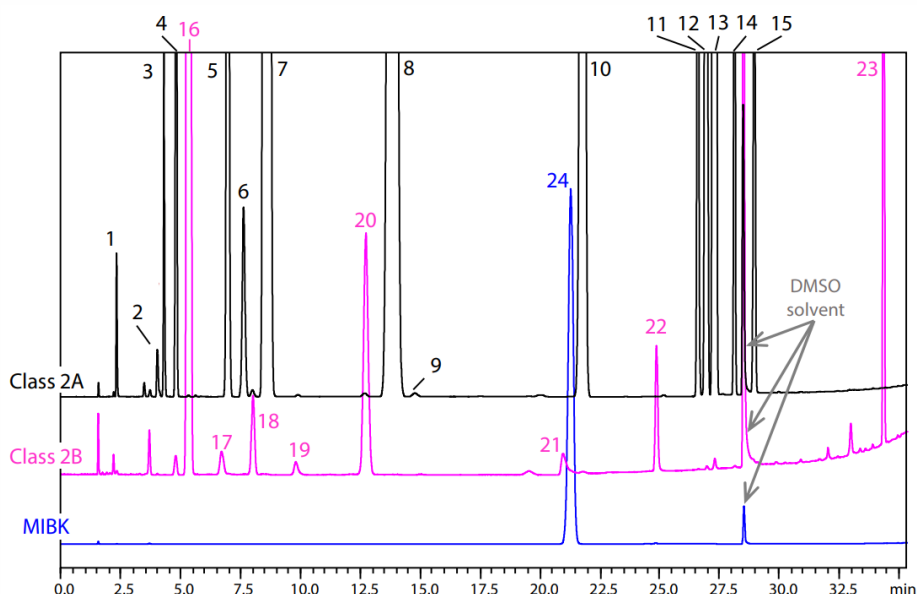
HS

SH Series

SH-I-624Si MS

Analysis of Residual Solvents in Pharmaceuticals

Keywords: Water-Insoluble Samples, N₂ Carrier, JP17 Supplement II, USP 467



Main Unit : Nexis™ GC-2030
 Detector : FID-2030 flame ionization detector
 Column : SH-I-624Si MS (30 m x 0.53 mm I.D. df = 3 μm), P/N: 227-36078-01
 Column Temp. : 40 °C(20 min) - 10 °C/min - 240 °C(20 min) Total 60 min
 Injection Mode : Split 1:5
 Carrier Gas Controller : Linear Velocity (N₂)
 Linear Velocity : 35 cm/s
 Detector Temp. : 250 °C
 FID H₂ Flow Rate : 32 mL/min
 FID Make Up Flow Rate : 24 mL/min (N₂)
 FID Air Flow Rate : 200 mL
 Injection Volume : 1 mL

HS-20
 Oven Temp. : 80 °C
 Sample Line Temp. : 90 °C
 Transfer Line Temp. : 105 °C
 Vial Shaking Level : Off
 Vial Volume : 20 mL
 Vial Equilibrating Time : 45 min
 Vial Pressurization Time : 1 min
 Vial Pressure : 68.9 kPa
 Loading Time : 0.5 min
 Needle Flush Time : 5 min

Source : Application News G326 ([JP](#), [ENG](#))

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Related Products

Some products may be updated to newer models.

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

➤ SH-I-624SiI MS

Related Solutions

➤ Small Molecule
Pharmaceutical

➤ 低分子医薬品

➤ Price Inquiry

➤ Product Inquiry

➤ Technical Service /
Support Inquiry

➤ Other Inquiry