

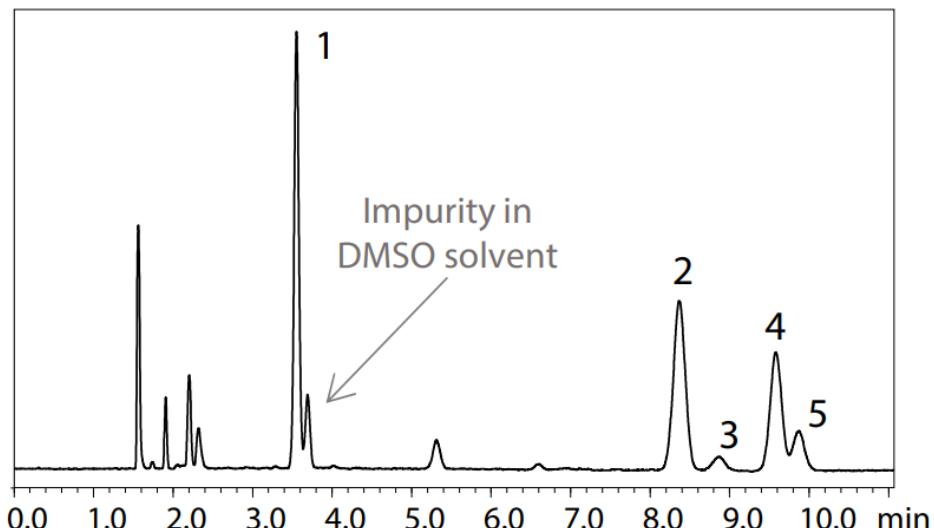
CoreFocus
Report
No.344

GC FID HS SH Series

SH-I-624Sil MS

Analysis of Residual Solvents in Pharmaceuticals

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



Main Unit	: Nexis™ GC-2030	HS-20	
Detector	: FID-2030 flame ionization detector	Oven Temp.	: 80 °C
Column	: SH-I-624Sil MS (30 m x 0.53 mm I.D. df = 3 µm), P/N: 227-36078-01	Sample Line Temp.	: 90 °C
Column Temp.	: 40 °C (20 min) - 10 °C/min - 240 °C (20 min) Total 60 min	Transfer Line Temp.	: 105 °C
Injection Mode	: Split 1:5	Vial Shaking Level	: Off
Carrier Gas Controller	: Linear Velocity (N ₂)	Vial Volume	: 20 mL
Linear Velocity	: 35 cm/s	Vial Equilibrating Time	: 45 min
Detector Temp.	: 250 °C	Vial Pressurization Time	: 1 min
FID H ₂ Flow Rate	: 32 mL/min	Vial Pressure	: 68.9 kPa
FID Make Up Flow Rate	: 24 mL/min (N ₂)	Loading Time	: 0.5 min
FID Air Flow Rate	: 200 mL	Needle Flush Time	: 5 min
Injection Volume	: 1 mL		

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

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