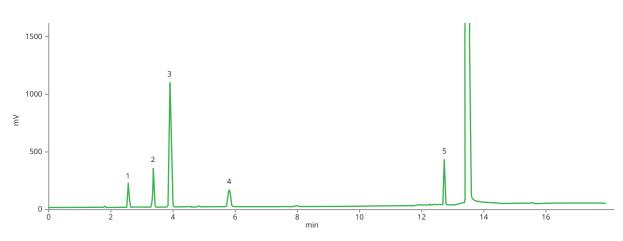


Residual solvents

Residual solvents control is a mandatory test for active pharmaceutical ingredients. Column LION[™] LN-1 provides fast, robust and reproducible separation for most commonly used solvents.

SubstanceMethanol, CAS number 67-57-1Ethanol, CAS number 64-17-5Acetone, CAS number 67-64-11-propanol, CAS number 71-23-8Toluene, CAS number 108-88-3



Residual solvents on LION™ LN-1 column

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APPLICATION LIST #419

Residual solvents

Column	LION™ LN-1
Dimensions	50 m × 0.25 mm × 5 μm
Part number	LNI-5755-H150
Injection	160 °C
temperature	
Column flowrate	Carrier Gas – Helium, constant pressure 60kPa, 40 ml/min
Oven program	40 °C, hold 0 min
	2 °C/min, 60 °C, hold 0 min
	50 °C/min, 200 °C, hold 5 min
Solvent	Dimethylsulfoxide
Head-space oven	105 °C
temperature	
Heating time	30 min
Detection	FID at 250 °C
Analytes	1. Methanol
	2. Ethanol
	3. Acetone
	4. 1-propanol
	5. Toluene

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