

Comparison table of column inspection analysis conditions

Product	Item	Previous conditions	New conditions
YMC-Pack SIL, Diol-NP, PVA-Sil (<10 mmI.D.)	Peak asymmetry	As	Tf
	Eluent	Hexane/2-Propanol (99.5/0.5)	Hexane/2-Propanol (99.5/0.5)
	Detection	UV at 254 nm	UV at 254 nm
	Temperature	Ambient	Ambient
	Sample	1. Toluene 2. Nitrobenzene	1. Toluene 2. Nitrobenzene
	Shipping solvent	Hexane/2-Propanol (99.5/0.5)	Hexane/2-Propanol (99.5/0.5)
YMC-Pack SIL, Diol-NP, PVA-Sil (10 mmI.D.)	Peak asymmetry	As	Tf
	Eluent	Hexane/Ethanol (9/1)	Hexane/2-Propanol (99.5/0.5)
	Detection	UV at 254 nm	UV at 254 nm
	Temperature	Ambient	Ambient
	Sample	1. Toluene 2. Nitrobenzene	1. Toluene 2. Nitrobenzene
	Shipping solvent	Hexane/Ethanol (9/1)	Hexane/2-Propanol (99.5/0.5)

Peak asymmetry

Tf, Tf=W_{0.05h}/2f, W_{0.05h}:The width of the peak at 5% peak height, f:The first half of the peak at 5% peak height.