

Ph. Eur. Azithromycin - Related Substances Standard Solution (6 replicates) on Durashell 5 μ m C18(L) 250 x 4.6**Column:** N/A**Dimensions:** N/A**Order No:** N/A**Elution Type:** N/A**Eluent A:** 1.80 g/L solution of anhydrous disodium hydrogen phosphate adjusted to pH 8.9**Eluent B:** Acetonitrile:Methanol = 75:25

Gradient	Step No.	Time (min)	Pct A	Pct B
Profile:	1	0	50	50
	2	25	45	55
	3	30	40	60
	4	80	25	75
	5	81	50	50
	6	93	50	50

Flow Rate: 1 mL/min**Col. Temp.:** 60 °C**Detection:** LC/UV (DAD, PDA) @ 210.000000000 nm (nanometers) (ambient)**Analyst Note:** Diluent buffer: 1.73 g/L solution of ammonium dihydrogen pH adjusted to 10.0 with ammonia

Diluent: Diluent buffer: Acetonitrile: methanol = 35:30:35 (v/v/v)

**ANALYTES:****1** Azithromycin

Retention Time: 48.82 min

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