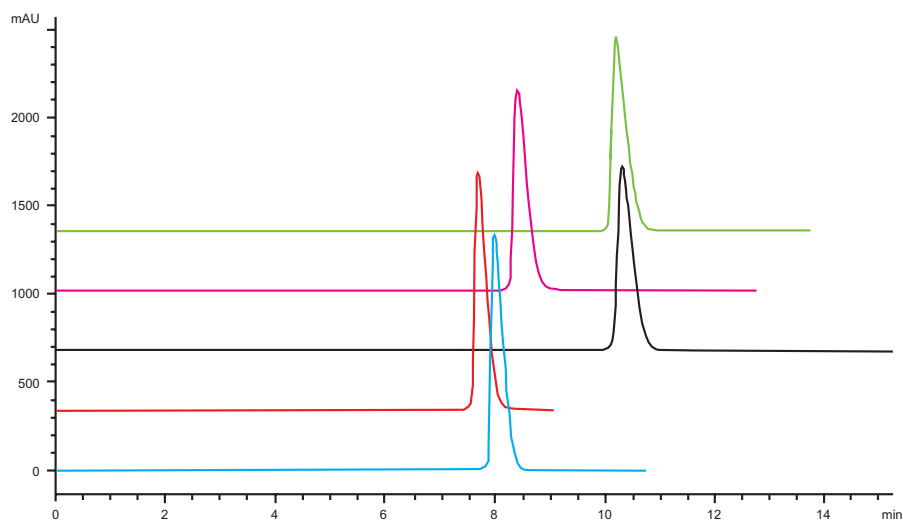
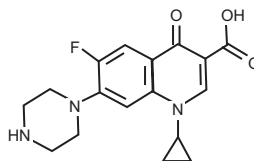


Ciprofloxacin (U.S.P)

On GraceSmart™ HPLC Column



- GraceSmart™ C18 Part # 5138810
- Competitor 1 C18
- Competitor 2 C18
- Competitor 3 C18
- Competitor 4 C18

Test condition (as USP assay)

Test sample: 0.5mg in eluent

Column: 4.6 x 250mm C18

Flow: 1.5ml/min

Eluent: Isocratic, 0.025 M phosphoric acid (adjusted with triethylamine to a pH of 3.0 ± 0.1) : acetonitrile 87:13

Detection: Absorbance, 278nm

Column temp. : 30°C

Injection Volume: 10µl

	USP Spec	GraceSmart™ C18	Comp 1 C18	Comp 2 C18	Comp 3 C18	Comp 4 C18
Retention Time (min)	N/A	10.196	8.412	10.316	7.683	7.977
Peak height	N/A	1099.3	1137.0	1047.9	1358.2	1335.9
Theoretical plates	≥2500	7268	5307	6953	6857	6496
Tailing Factor	≤4.0	2.207	2.07	1.806	2.329	2.359

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