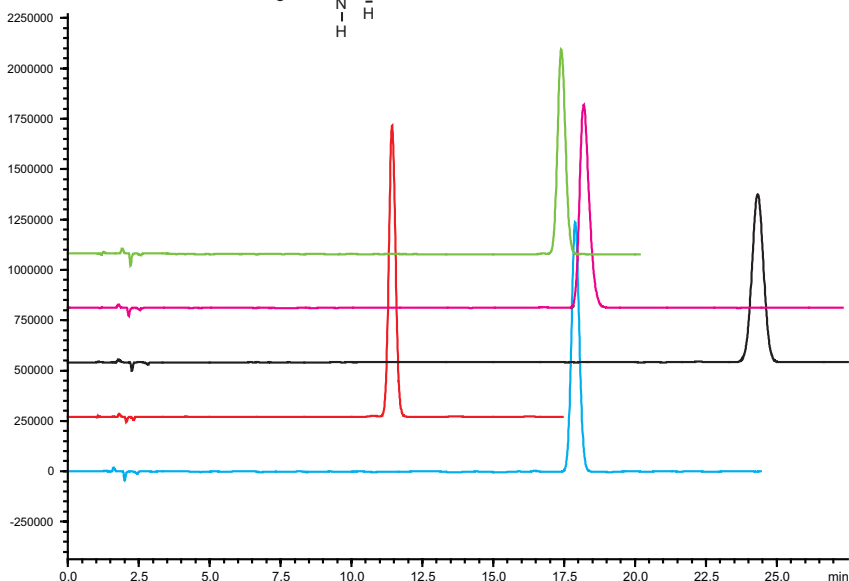
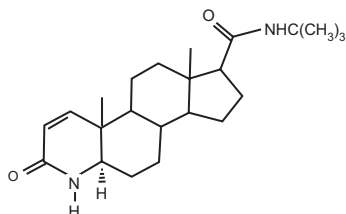


Finasteride (U.S.P.)

On GraceSmart™ HPLC Column



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

Test condition
(as USP Chromatographic purity)

Test sample: 1.0 mg/ml Finasteride in mixture of water and ACN (1:1)

Column: 4.6 x 250mm, 5µm C18

Flow: 1.5ml/min

Eluent: Isocratic, water : THF : ACN 8:1:1

Detection: Absorbance, 210nm

Column temp. : 60°C

Injection Volume: 15µl

	USP Spec	GraceSmart™ C18	Comp 1 C18	Comp 2 C18	Comp 3 C18	Comp 4 C18
Ret. Time (min)	N/A	17.395	18.187	24.324	11.428	17.887
Theoretical plates	≥10000	17383	13391	15891	10715	18778
Tailing Factor	≤1.3	1.105	1.292	1.020	1.069	1.082

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