USP Monograph – Amlodipine Besylate

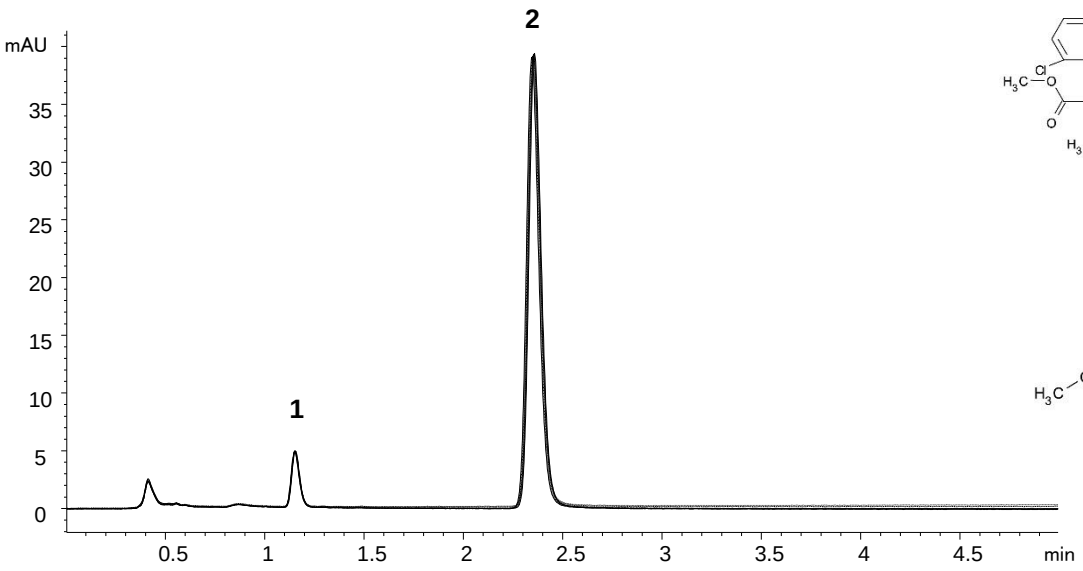
ACE®
Ultra-inert
UHPLC & HPLC Columns

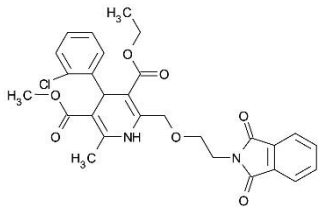
Application #AN2550

Conditions

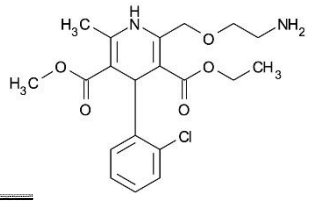
Column:	ACE UltraCore 2.5 SuperC18
Dimensions:	75 x 3.0 mm
Part Number:	CORE-25A-7503U
Mobile Phase:	MeOH/MeCN/buffer pH 3.0 (35:15:50 v/v/v)
Buffer:	7.0 mL triethylamine in 900 mL H_2O to 1000 mL volumetric flask. Adjust to pH 3.0 with phosphoric acid. Dilute to volume with H_2O
Flow Rate:	0.8 mL/min
Injection:	5 µL
Temperature:	25 °C
Detection:	UV, 237 nm

Chromatogram shows 6 injections overlaid





1. Impurity A



2. Amlodipine

Translated method according to USP <621> guidance. Always check the latest and official method information from the relevant pharmacopoeia prior to analysis.

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