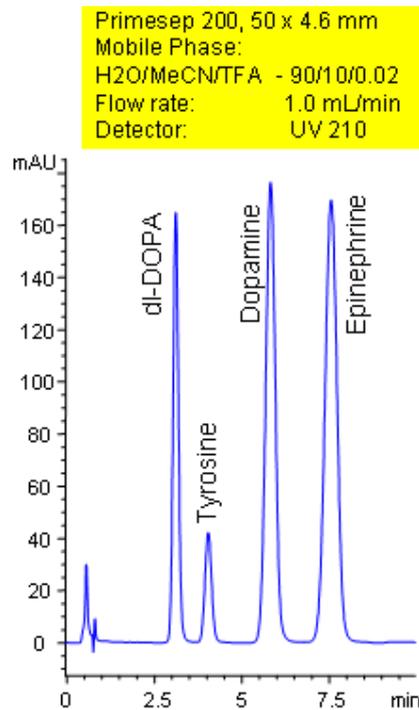


HPLC Separation of Catecholamines



Primesep 200 separates catecholamines in less than 8 minutes. Tyrosine, dl-DOPA, dopamine, epinephrine are baseline resolved by a combination of reversed-phase, ion-exchange, and ion-exclusion mechanisms. Excellent peak shape results with a mass spec compatible mobile phase of water, acetonitrile (MeCN, ACN) and trifluoroacetic acid (TFA) with UV detection at 210 nm.

Method Parameters

Column	Primesep 200, 4.6x50 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H ₂ O
Buffer	TFA
Flow Rate	1.0 mL/min
Detection	UV, 210 nm

Quelle: <https://sielc.com/Application-HPLC-Separation-of-Catecholamines>