

Simultaneous Isocratic Determination of Five Catecholamines and Serotonin Under Soft Conditions Using HPLC-UV

The method is intended for the isocratic determination of five catecholamines (norepinephrine, epinephrine, dopamine, normetanephrine, metanephrine) and serotonin under soft conditions in various pharmaceutical and biological samples using simple isocratic 400 bar HPLC system with a conventional UV detector.

Chromatogram

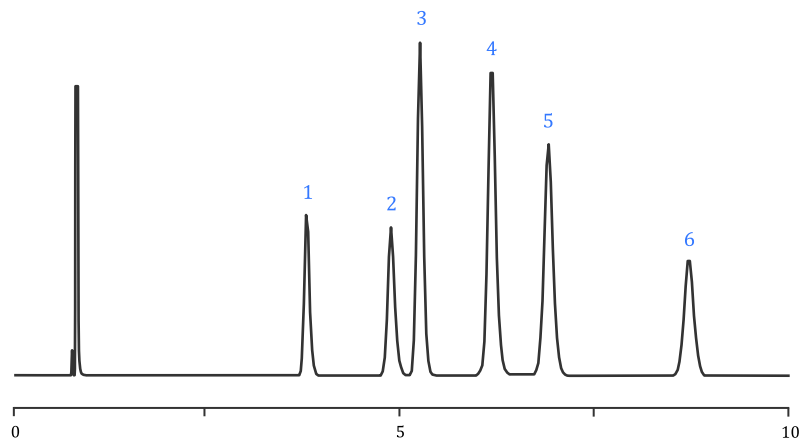
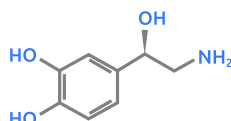


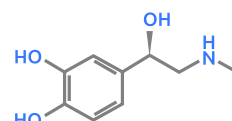
Figure 1. Isocratic determination of five catecholamines and serotonin.
Detection: UV 215 nm

Analytes

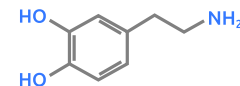
1. Norepinephrine, 2. Epinephrine, 3. Dopamine,
4. Normetanephrine, 5. Metanephrine, 6. Serotonin



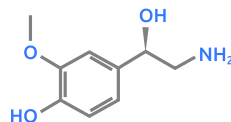
#1
Norepinephrine



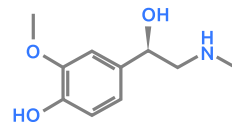
#2
Epinephrine



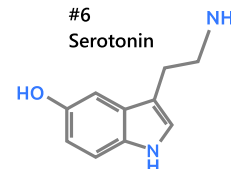
#3
Dopamine



#4
Normetanephrine



#5
Metanephrine



#6
Serotonin