

CLICK ON THE UNDERLINED BLUE TEXT FOR DETAILS ON THE PRODUCTS USED IN THIS APPLICATION

TEST CONDITIONS

Columns: ACQUITY UPLC® BEH Amide,
2.1 x 50 mm, 1.7 µm
Part Number: [186004800](#)
Mobile Phase A : 50/50 MeCN/H₂O with 10 mM
HCOONH₄ and 0.125% HCOOH,
pH 3.0
Mobile Phase B : 95/5 MeCN/H₂O with 10 mM
HCOONH₄ in H₂O and 0.125%
HCOOH, pH 3.0

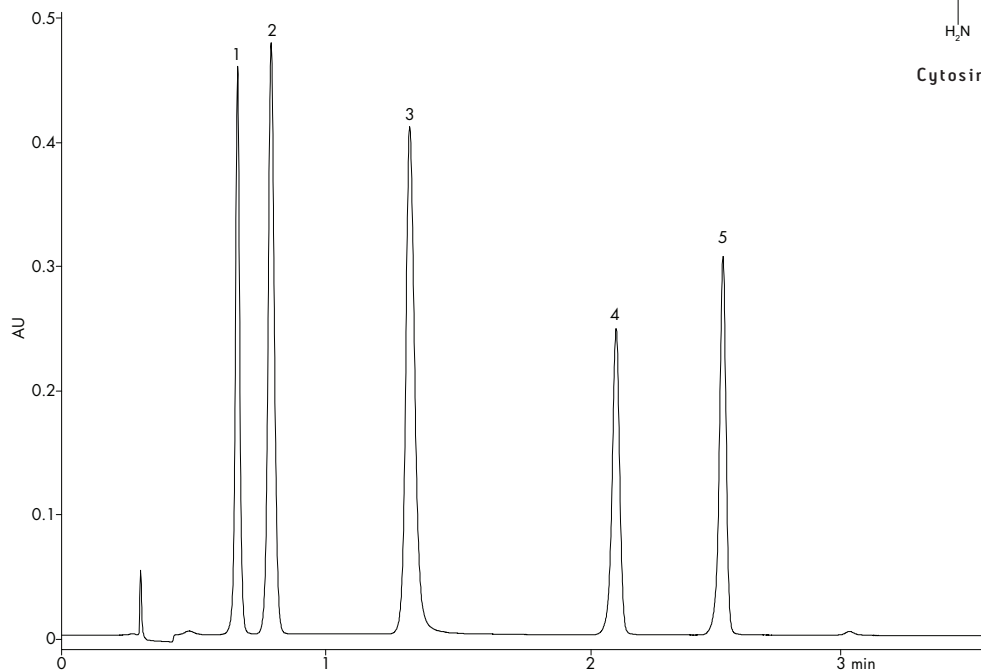
Flow Rate: 0.5 mL/min
Gradient:

Time	%A	%B
Initial	1	99
5.00	50	50
5.01	1	99
9.00	1	99

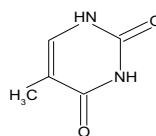
Injection Volume: 5.0 µL (PLNO)
Sample Concentration: 20 µg/mL each
Sample Diluent: 75/25 MeCN/MeOH
Column Temperature: 30 °C
Weak Needle Wash: 95/5 MeCN/H₂O
Detection: UV @ 260 nm
Sampling Rate: 20 points/sec
Filter Time Constant: 0.2
Instrument: Waters ACQUITY UPLC
with ACQUITY UPLC PDA Detector

COMPOUNDS

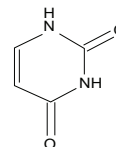
1. Thymine
2. Uracil
3. Adenine
4. Cytosine
5. Guanine



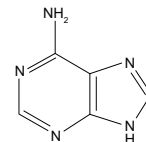
STRUCTURES



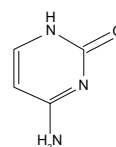
Thymine



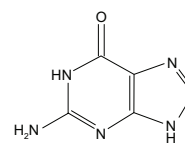
Uracil



Adenine



Cytosine



Guanine