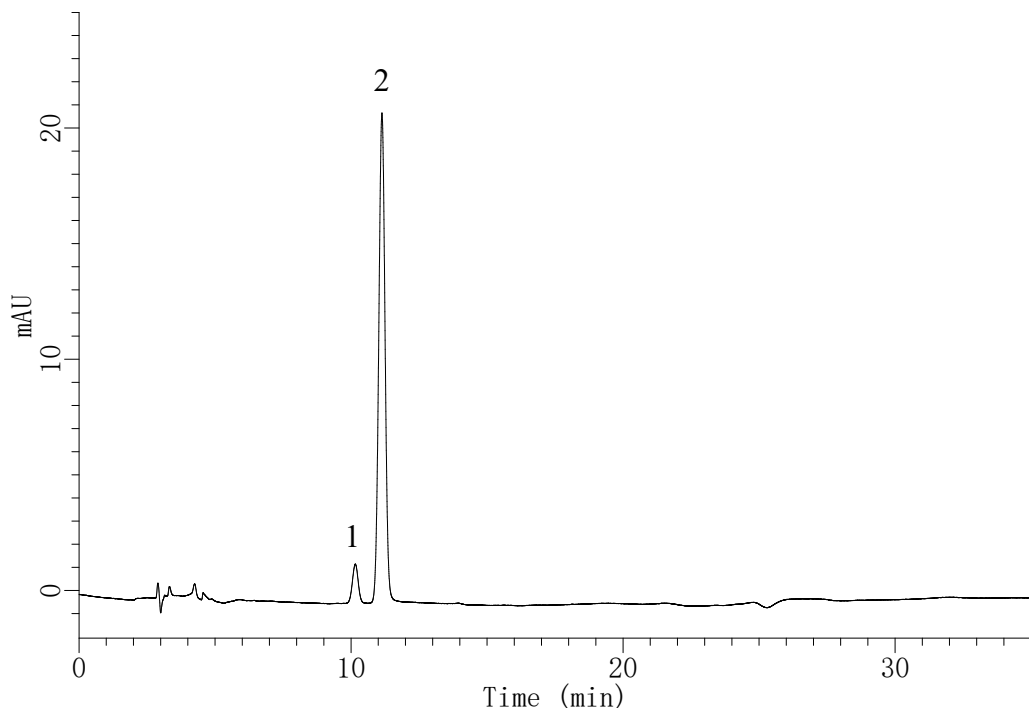


InertSearch™ for LC

Inertsil® Applications

Analysis of Ribonucleotide

Data No. LA975-0811



Conditions

System : GL-7400 HPLC system

Guard Column : Cartridge guard column E Inertsil ODS-4 (5 µm, 10 x 4.0 mm I.D.)

Column Cat. No. : 5020-19051

Column : Inertsil ODS-4 (5µm, 250×4.6 mm I.D.)

Column Cat. No. : 5020-03946

Eluent : A) CH₃OH
B) 0.05 mol/L TEA (pH 5.0, H₃PO₄)
A/B = 1/100, v/v (premix)

Flow rate : 1.2 mL/min

Col. Temp. : 40 °C

Detection : UV 260 nm (GL-7450 UV Detector)

Injection Vol. : 10 µL

Sample : Standard

Analyte:

1. Guanylic acid (GMP) 50 mg/L
2. Inosinic acid (IMP) 2 mg/L