

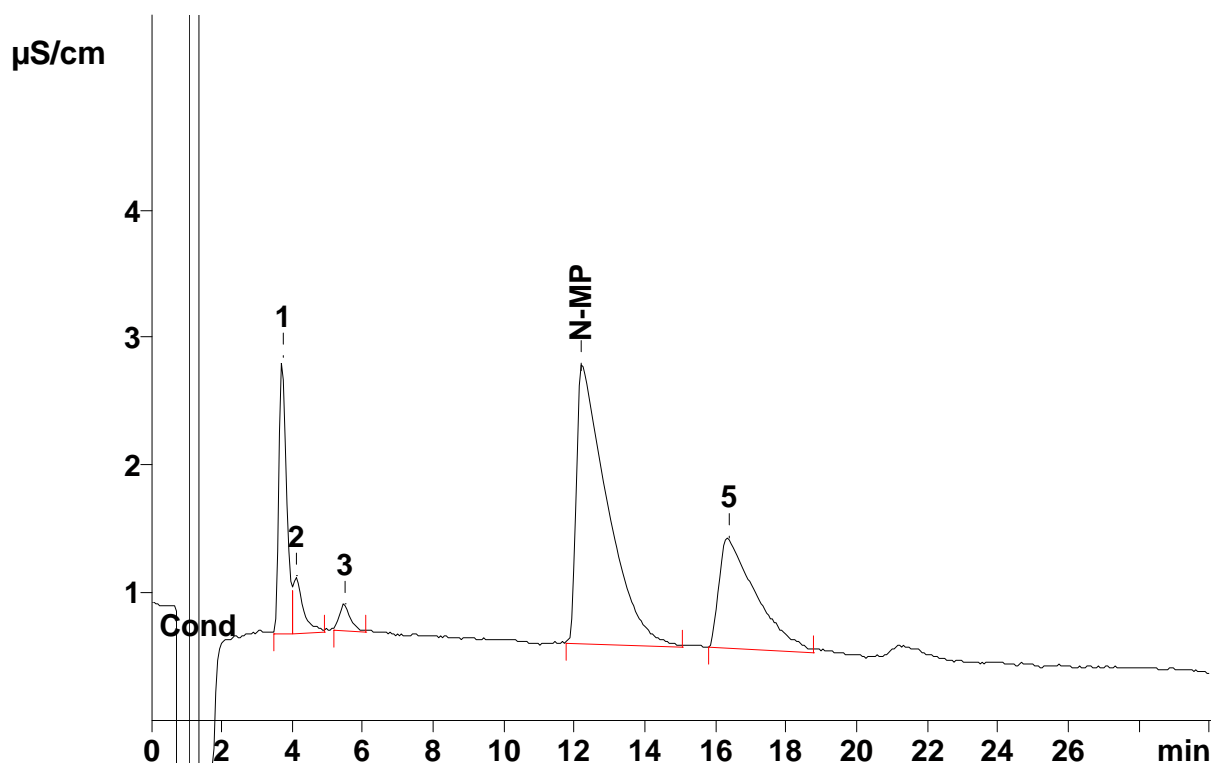
IC Application Note No. C-111

Title: N-methylpyrrolidone impurity in Cefepime Hydrochloride

Summary: Determination of N-methylpyrrolidone (N-MP) in a pharmaceutical product (Cefepime Hydrochloride) using cation chromatography with direct conductivity detection.

Sample: Cefepime Hydrochloride
Sample Preparation: 0.1 g sample is dissolved in 100 mL of eluent. Injection after filtration (0.45 µm)

Column: 6.1010.210 Metrosep C 2 – 100
Eluent: 4 mmol/L tartaric acid
 5% acetone
Flow: 1.0 mL/min
Injection Volume: 100 µL



Results:	N-Methylpyrrolidone (N-MP) mg/g
	18.9