

## Separation of Aniline derivatives with electrochemical detection

**Method**  
HPLC

VPH0011J  
RP Mode

**Column:** Eurospher 100-5 C18, 250 x 4.6 mm ID

**Order No.** 25EE181ESJ

**Phase:** Eurospher 100-5 C18

**Conditions:**  
Eluent: Methanol / Water (1:1) with 2 g/l KNO<sub>3</sub> and 0.05 g/l H<sub>2</sub>SO<sub>4</sub>  
Gradient: isocratic  
Flow rate: 0.7 ml/min  
Temperature: ambient  
Volume: 20 µl

**Detection:** Amperometric detection, glassy carbon 1000 mV / 800 mV, 100 nA

**Substances:** Phenylene diamine, Chloroaniline

**Keywords:** Amines

**Chromatogram:**

1. p-Phenylene diamine (20 ng)
2. 3-Chloroaniline (25 ng)

