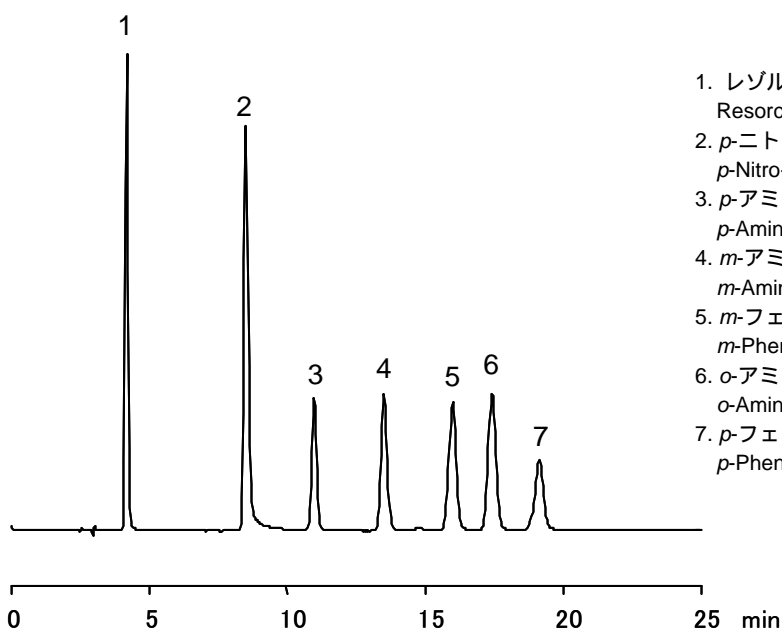
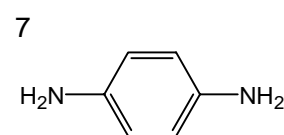
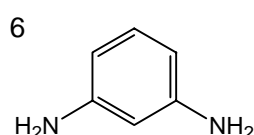
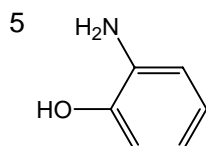
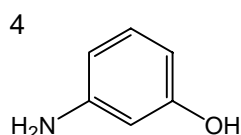
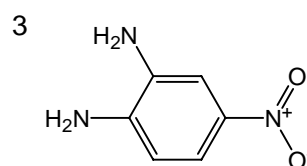
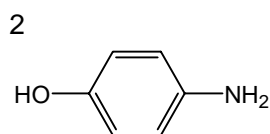
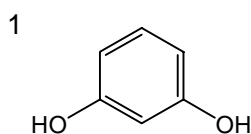


## 酸化染毛剤

## Oxidative hair dyes



1. レゾルシノール (100 µg/mL)  
Resorcinol (M.W. 110.1)
2. *p*-ニトロ-*o*-フェニレンジアミン (50 µg/mL)  
*p*-Nitro-*o*-phenylenediamine (M.W. 153.1)
3. *p*-アミノフェノール (100 µg/mL)  
*p*-Aminophenol (M.W. 109.1)
4. *m*-アミノフェノール (100 µg/mL)  
*m*-Aminophenol (M.W. 109.1)
5. *m*-フェニレンジアミン (100 µg/mL)  
*m*-Phenylenediamine (M.W. 108.1)
6. *o*-アミノフェノール (100 µg/mL)  
*o*-Aminophenol (M.W. 109.1)
7. *p*-フェニレンジアミン (100 µg/mL)  
*p*-Phenylenediamine (M.W. 108.1)

## 【HPLC Conditions】

- Column : CAPCELL PAK C<sub>18</sub> MGII S5 ; 2.0 mm i.d. x 250 mm
- Mobile phase : 15 mmol/L Sodium 1-octanesulfonate, 5 mmol/L KH<sub>2</sub>PO<sub>4</sub>  
(adjusted at pH 2.5 with phosphoric acid) / CH<sub>3</sub>OH = 65 / 35
- Flow rate : 200 µL/min
- Temperature : 40 °C
- Detection : UV 280 nm
- Inj. vol. : 2 µL
- Sample dissolved in : *p*-Nitro-*o*-phenylenediamine (NP) was dissolved in methanol at 1 mg/mL. All the other compounds were dissolved in the mobile phase at 1 mg/mL. The NP solution (50 µL) and other six solutions (100 µL each) were mixed together. The mobile phase was added to the mixture to make it 1 mL.
- ※ 1 µg/mL = 1 ppm