

Analysis of components of hair tonic

Medicated hair tonic contains various kinds of pharmacological components and it is important to analyze each component. The six components, p-Aminophenol, m-Phenylenediamine, o-Aminophenol, gallic acid, phloroglucin and resorcin in medicated hair tonics were simultaneously measured and the results are as shown in Fig. 1 to Fig. 3.

Conditions:

Pump: PU-980
 Detector: UV-970
 Wavelength: 280 nm
 Sensitivity: 0.64 AUFS
 Column: Finepak SIL C18S
 Eluent: 0.2M KH₂PO₄
 Flow rate: 1.0ml/min
 Sample:
 1. p-Aminophenol
 2. m-Phenylenediamine
 3. o-Aminophenol
 4. Gallic acid
 5. Phloroglucin
 6. Resorcin

