

Determination of multiple Additives in cosmetics

Method VEV0008J
HPLC RP Mode
Sample cosmetics

Column: Eurospher 100-5 C18, 250 x 4.0 mm ID

Order No. 25DE181ESJ

Phase: Eurospher 100-5 C18

Conditions: Eluent: Methanol / Water (35:65), adjusted to pH 2.5 with Phosphoric acid
 Gradient: 26 min linear gradient to Methanol / Phosphoric acid (1000:1)
 12 min final elution
 Flow rate: 1.0 ml/min
 Temperature: ambient
 Volume: 20 µl (50 µg/ml of each component)

Detection: UV at variable wavelengths (205 nm, 230 nm, 255 nm, 285 nm)

Substances: Benzyl nicotinate, Butyl p-hydroxybenzoate, 2,6-Di-tert.-butyl-4-methylphenol, 4-Isopropyl-3-methylphenol, Methyl p-hydroxybenzoate, Monoammonium glycyrrhizinate, Pantothenylethylether, Pyridoxine dioctanoate, Salicylic acid, Stearyl glycyrrhetinate, Trichlorocarbanilide, Tocopheryl acetate

Keywords: Additives, cosmetics

Chromatogram:

1. Pantothenyl ethyl
2. Methyl p-hydroxybenzoate
3. Salicylic acid
4. Benzyl nicotinate
5. 4-Isopropyl-3-methylphenol
6. Butyl p-hydroxybenzoate
7. Monoammonium glycyrrhizinate
8. Trichlorocarbanilide
9. 2,6-Di-tert.-butyl-4-methylphenol
10. Pyridoxine dioctanoate
11. Tocopheryl acetate
12. Stearyl glycyrrhetinate

