

## *HPLC determination of some dyestuffs on cosmetic products*

**Test aim:** the method allows the determination of hydro/alcohol soluble (sulphonated) dyestuffs in cosmetics.

**Procedure:** the extraction is performed with water or methanol according to the dyestuff and the quantitative determination is carried out injecting the extracted substance through HPLC equipped with detectors.

Examples:

- CI 20470 (ACID BLACK 1)
- CI 15510 (ACID ORANGE 7)
- CI 17200 (ACID RED 33)
- CI 45100 (ACID RED 52)
- CI 60730 (ACID VIOLET 43)
- CI 47005 (ACID YELLOW 3)

**Detection limit:** 1 mg/kg for every dyestuff

**Instruments:** HPLC - DAD

**Method:** MP 1104 R0 internal standard