



LABORATORI
D'ENGINYERIA PAPERERA
I MATERIALS POLIMÈRICS



Universitat
de Girona

DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS

1. - SAMPLE DESCRIPTIONIÓ:

- Paper sample: EUROKOTE AUTOADHESIVO WS

2. - MANUFACTURER:

- SARRIOPAPEL SA

3. - DATE AND PLACE OF ANALYSIS:

- April, 28th 2006

CROMLAB SL, Barcelona.

4. - CONDITIONS OF ANALYSIS

The analysis has been done using high resolution gas chromatography/mass spectrometry (HRGC-MS) as indicated in EPA 8270C method. This method is used to determine the concentration of semivolatile organic compounds in extracts prepared from many types of solid waste matrices, soils, air sampling media and water samples.

5. - RESULTS:

Results obtained and the corresponding minimum detection level are presented in the table.

Compound	Concentration (µg/kg)	Detection limit (M.D.L., µg/kg)
Benzo(a)Pyrene*	Not detected	2.00
Acenaphthylene	Not detected	2.00
Acenaphthene	Not detected	2.00
Fluorene	Not detected	2.00
Phenanthrene	Not detected	2.00
Anthracene	Not detected	2.00
Fluoranthene	Not detected	2.00
Pyrene	Not detected	2.00
Benz(a)Anthracene	Not detected	2.00
Chrysene	Not detected	2.00
Benzo(b)Fluoranthene	Not detected	2.00
Benzo(k)Fluoranthene	Not detected	2.00
Indeno(1,2,3-cd)Pyrene	Not detected	2.00
Dibenzo(a,h)Anthracene	Not detected	2.00
Benzo(g,h,i)Perylene	Not detected	2.00

* Benzo(a)pyrene can be used as a marker for the occurrence and effect of carcinogenic PAH in food (Commission Regulation (EC) No 208/2005 of 4 February 2005 amending Regulation (EC) No 466/2001 as regards polycyclic aromatic hydrocarbons).

No one of the PAH analyzed surpasses the minimum detection level of the method.

Date of emission: May, 3rd 2006

Service Responsible

Mª Àngels Pèlach

Laboratory responsible

Laura Barberà

