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Title: DESIGN, CHARACTERIZATION AND COMPARISON OF MATERIALS BASED ON β AND γ CYCLODEXTRIN COVALENTLY CONNECTED TO MICROPOROUS SILICA FOR ENVIRONMENTAL ANALYSIS



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**DESIGN, CHARACTERIZATION AND COMPARISON OF MATERIALS BASED ON β
AND γ CYCLODEXTRIN COVALENTLY CONNECTED TO MICROPOROUS SILICA
FOR ENVIRONMENTAL ANALYSIS**

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HIGHLIGHTS

- New γ -cyclodextrin-silica composites are proposed.
- These materials have the capacity of adapting to a wide range of conditions.
- No cyclodextrin losses occur during their use.
- The determination of PAH in the quality control of natural waters is achieved.
- The determination of phenolic compounds in aroma incense cones is carried out.

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