

Article

Amine modification of silica aerogels/xerogels for removal of relevant environmental pollutants

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Supplementary Material

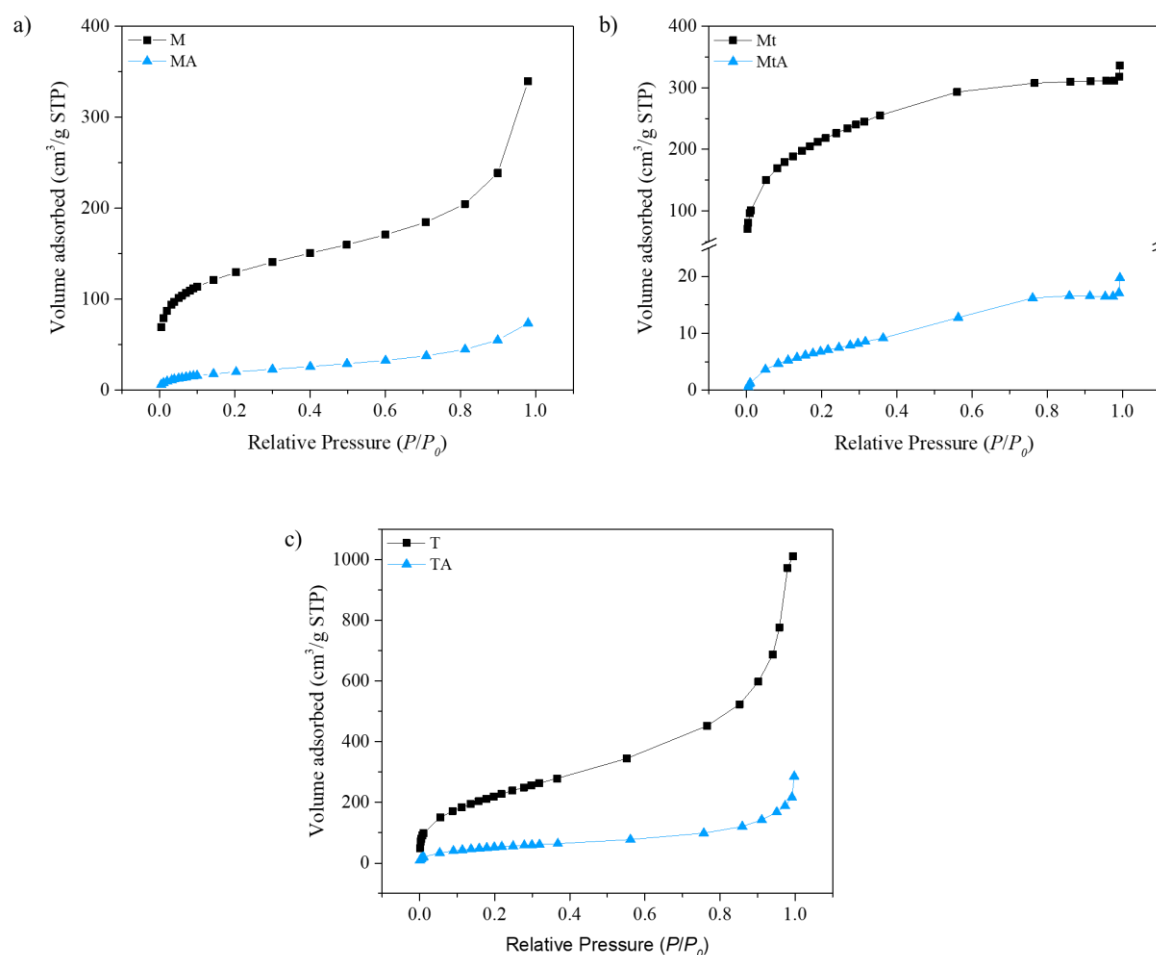


Figure 1. Comparative N₂ sorption isotherms of the adsorbents with and without amine modification for (a) volatile organic compounds, (b) heavy metals and (c) dyes.

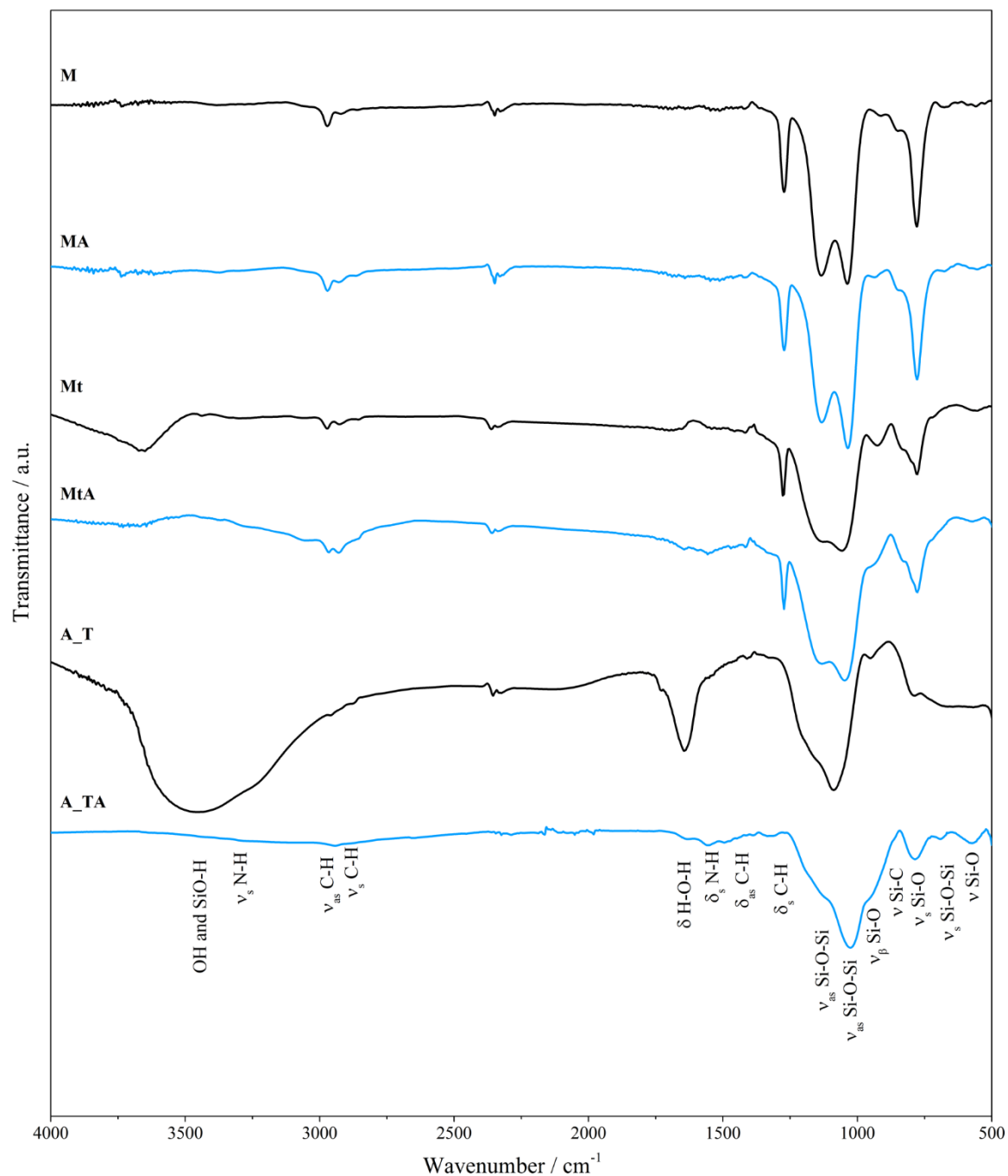


Figure 2. FTIR spectra of adsorbent materials (ν —stretching vibration, ν_s —symmetric stretching vibration; ν_{as} —asymmetric stretching vibration; ν_β —in-plane stretching vibration; δ —bending vibration; δ_s —symmetric deformation vibration (bending); δ_{as} —asymmetric deformation vibration (bending)).

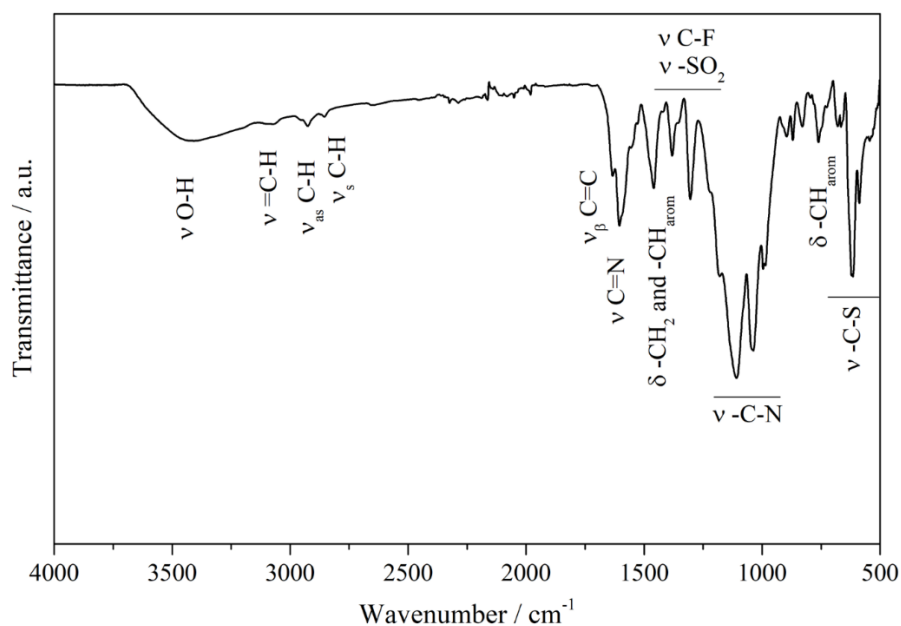


Figure 3. FTIR spectrum of *Rubi Levafix CA* (ν —stretching vibration, ν_s —symmetric stretching vibration; ν_{as} —asymmetric stretching vibration; ν_{β} —in-plane stretching vibration; δ —bending vibration; δ_s —symmetric deformation vibration (bending); δ_{as} —asymmetric deformation vibration (bending)).