CHEMISTRY JOURNAL OF MOLDOVA. General, Industrial and Ecological Chemistry
ISSN 1857-1727 E-ISSN 2345-1688
http://cjm.ichem.md
https://doi.org/10.19261/cjm.2024.897

COMPARATIVE STUDY OF THE LOCAL VEGETABLE ACTIVATED CARBON WITH COMMERCIAL ONES FOR ADSORPTION OF METHYLENE BLUE

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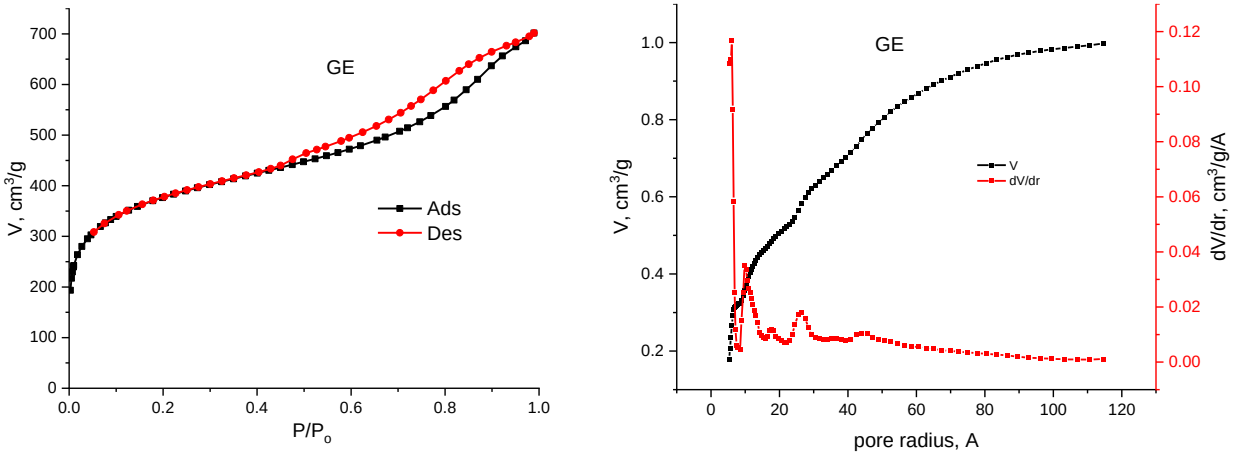
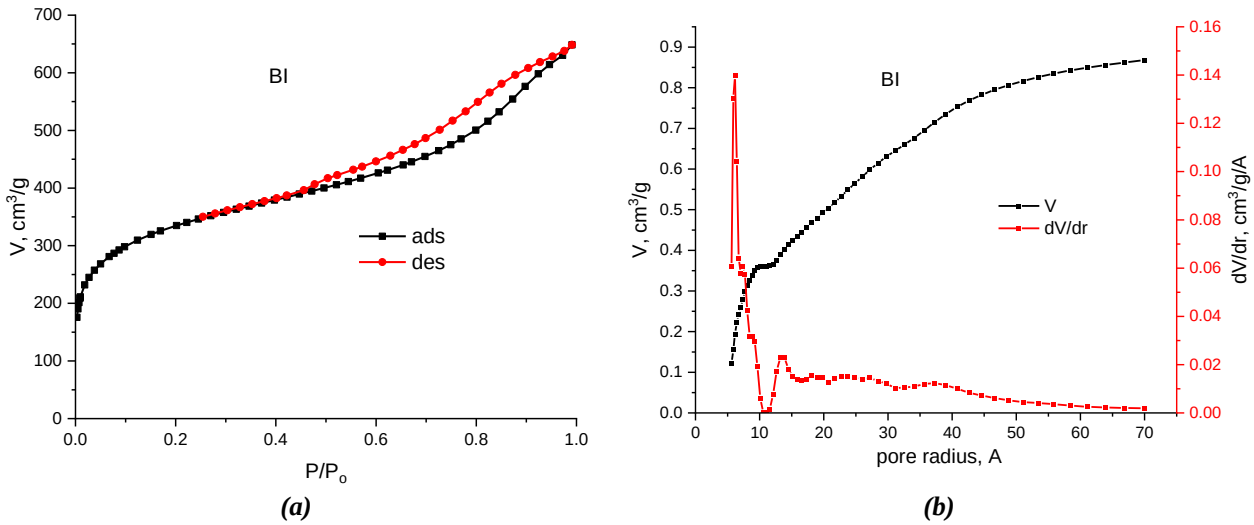
Received: 14 May 2024/ Revised final: 19 June 2024/ Accepted: 21 June 2024



(a) ***(b)***

Figure S1. The nitrogen adsorption–desorption isotherms at 77 K *(a)* and pore size distribution *(b)* for the Granucol® GE activated carbon.



(a) ***(b)***

Figure S2. The nitrogen adsorption–desorption isotherms at 77 K *(a)* and pore size distribution *(b)* for the Granucol® BI activated carbon.

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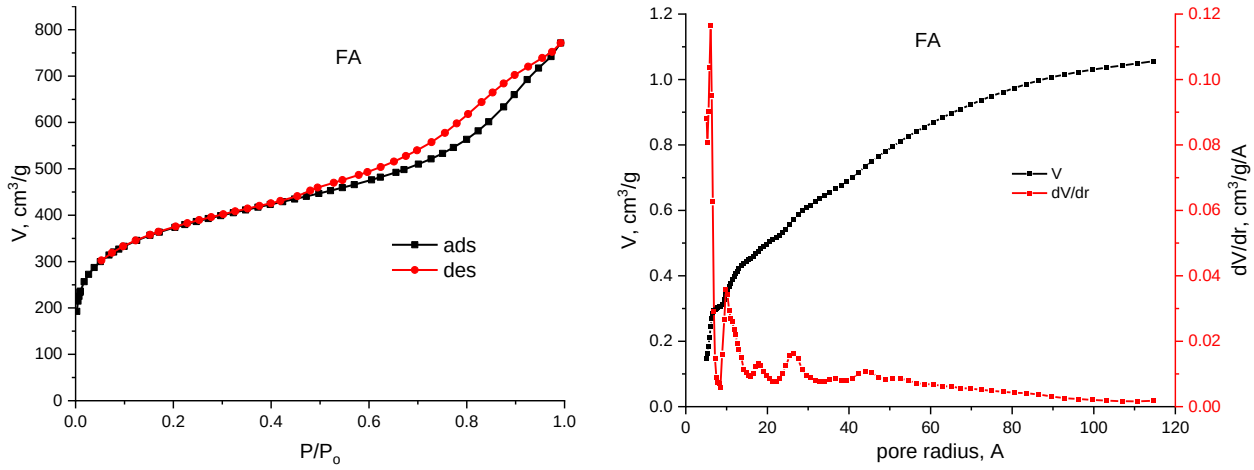
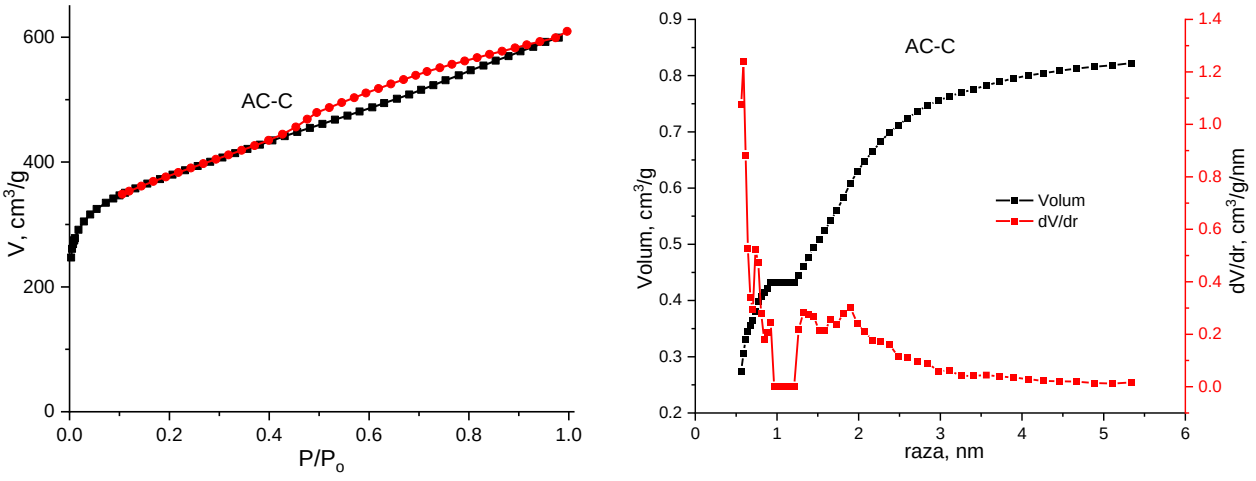


(a) ***(b)***

Figure S3. The nitrogen adsorption–desorption isotherms at 77 K *(a)* and pore size distribution *(b)* for the Granucol® FA activated carbon.



(a) ***(b)***

Figure S4. The nitrogen adsorption–desorption isotherms at 77 K *(a)* and pore size distribution *(b)* for the AC-C activated carbon.

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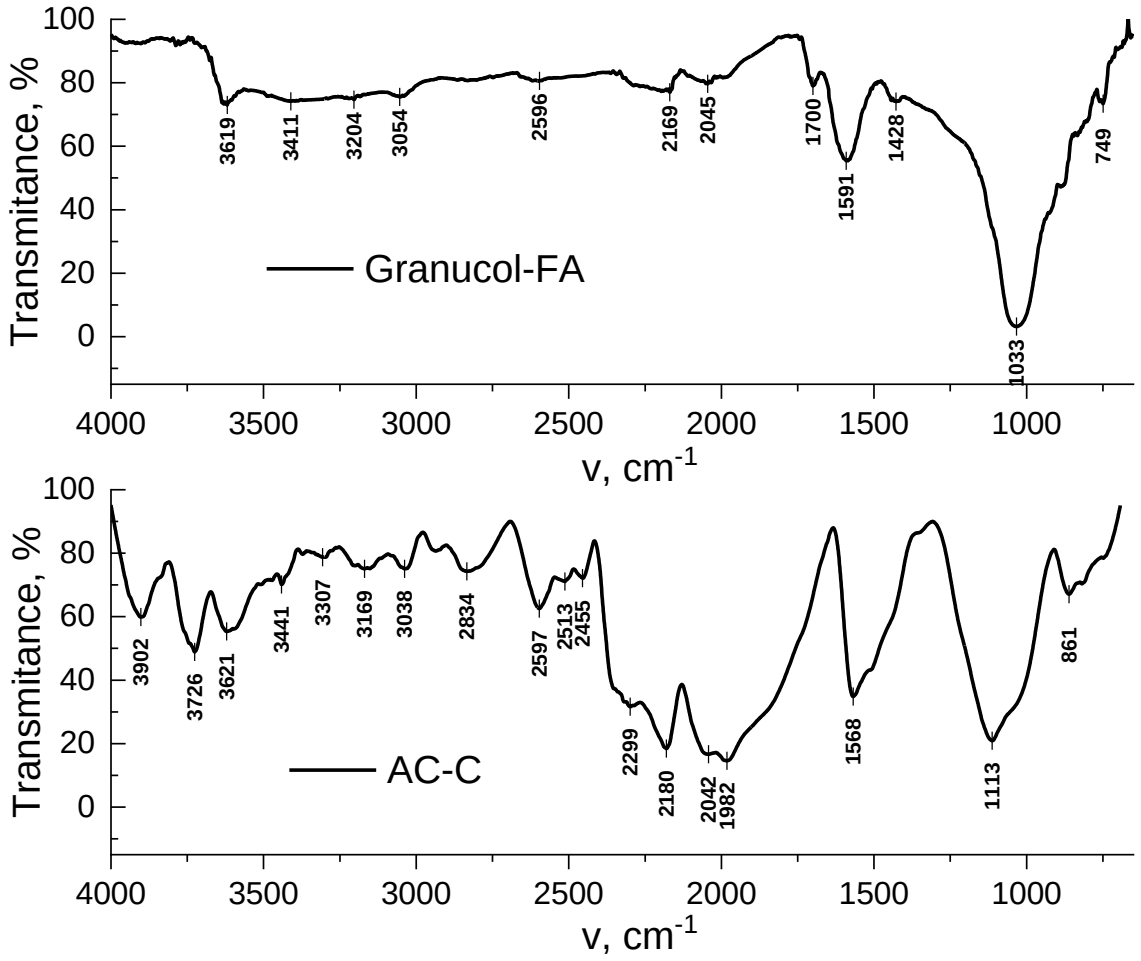

Figure S5. FTIR spectra of activated carbons.