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## **Comparison between the microwave method of extraction of phenolic compounds of Jordanian *Psidium guajava* raw fruit peel and conventional soxhlet method**

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This study was undertaken to evaluate the antioxidant effect for the aqueous extract of *Psidium guajava* unripe fruit peel. Two different methods for extraction were used; microwave and the conventional soxhlet extraction methods for the correlation of their antioxidant effect with their chemical profile. Previous studies was undertaken to evaluate the hypoglycemic, hypolipidaemic and antimicrobial effects, where significant differences were observed between the two extracts. That was followed by HPLC-MS\MS analysis for their phenolic content. As expected, the two extracts showed variations in their phenolic profile, which were used to justify the differences in their pharmacological effects.

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