

The *O. syriacum* chemical compositions and biological potentials

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Abstract:

Methods: Identification of the essential oil was performed by GC/MS. Antibacterial activity was tested against six strains from American Type Culture Collection, while antioxidant activity was analyzed by DPPH method.

Results: Thymol, Carvacrol and α -humulene were the major components of the essential oils and the plant showed antibacterial and antioxidant activity .