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**BITTİM SABUNU'NUN ANTİMİKROBİYAL AKTİVİTESİ**

**ÖZET**

Bu çalışmada; Doğu ve Güney Doğu Anadolu Bölgesinde dezenfektan olarak kullanılan "bittim" sabununun hekzan ekstreleri hazırlanarak disk difüzyon metoduna göre; *Staphylococcus aureus* COWAN 1, *Bacillus megaterium* DSM 32, *Klebsiella pneumoniae* FMC 5, *Escherichia coli* ATCC 25922, *Candida albicans* FMC 17, *Candida glabrata* ATCC 66032, *Candida tropicalis* ATCC 13803, *Trichophyton* sp. ve *Epidermophyton* sp. üzerinde antimikrobiyal etkileri test edilmiştir. Çalışmalar sonunda; hekzan ile hazırlanan "bittim" sabununun; gram negatif, gram pozitif bakteriler, maya ve dermofit funguslar üzerine değişen oranlarda antimikrobiyal etki gösterdiği tespit edilmiştir.

**Anahtar Kelimeler:** Antimikrobiyal Aktivite, *Pistacia khinjuk* (Bittim) Bitkisi, Bittim Sabunu, Sabun, Patojen Mikroorganizmalar

**THE ANTIMICROBIAL ACTIVITY OF BITTIM SOAP**

**ABSTRACT**

In this study, antimicrobial activity of the bittim soap, which used as a disinfectant in the Eastern and Southeast Anatolia, were investigated. The extract of "bittim" soap were prepared with hexan and antimicrobial activities of extracts were examined on test microorganisms as follows: *Staphylococcus aureus* COWAN 1, *Bacillus megaterium* DSM 32, *Klebsiella pneumoniae* FMC 66032, *Escherichia coli* ATCC 25922 as bacteria species, *Candida albicans* FMC 17, *Candida glabrata* ATCC 66032, *Candida tropicalis* ATCC 13803, *Trichophyton* sp., and *Epidermophyton* sp. by disc diffusion methods. In the end of studies, we have found that the extracts of "bittim" soap prepared with hexan, revealed the changeable range of the antimicrobial activities against some bacteria, yeasts and dermatofit.

**Keywords:** Antimicrobial Activity, *Pistacia khinjuk* (Bittim Plant), Bittim Soap, Soap, Pathogen Microorganisms