Title	Antioxidant capacity and bioactive compounds contents of some date industry sub-products
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Abstract

The antioxidant capacity and bioactive compounds content of four cultivars of date palm (*Phoenix dactylifera* L.) were determined. The studied cultivars were Deglet Nour, Allig and Khouat-Allig (Tunisia) and Confitera (Spain). The antioxidant capacity was determined by two methods [the 2,2-Diphenyl-l-picrylhydrazyl (DPPH) Radical Scavenging method and the Reducing Power Assay)]. The results showed that 'Deglet Nour' dry date has an antioxidant capacity more important than the others. This cultivar has, also, more important contents in total phenols, flavonoids and tannins. 'Confitera' cultivar presented the highest contents in total carotenoids, while both 'Khouat-Allig' and 'Allig' cultivars contain the highest content of total anthocyanin followed by 'Deglet Nour' dry cultivar. 'Confitera', 'Allig' and 'Deglet Nour' dry dates showed high total dietary fibers content.