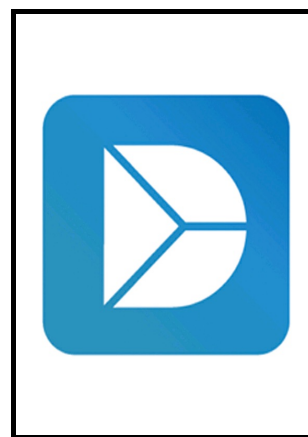


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GC-EI-MS identification data of neutral sugars of polysaccharides extracted from *Zizyphus lotus* fruit

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Data article

**Title:** GC-EI-MS identification data of neutral sugars of polysaccharides extracted from *Zizyphus lotus* fruit

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### Abstract

Gas chromatography coupled to mass spectrometer (GC-MS) was used to identify and to quantify neutral sugars that constitute the water soluble polysaccharides from *Zizyphus lotus* fruit. The trimethylsilyl (TMS) method was successfully used for derivatization of the monosaccharides units of extracted polysaccharides that were released by hydrolysis method. Sugars were identified based on their retention times compared with those of standards and the NIST MS Spectral Library. All sugars were quantified in TIC (Total Ion Current) mode using calibration curves. Data is related to “Optimization extraction of polysaccharide from Tunisian *Zizyphus lotus* fruit by response surface methodology: Composition and antioxidant activity” [1].

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