

البحث الثامن

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Title	Structure of the O-polysaccharide from the moderately halophilic bacterium <i>Halomonas fontilapidosi</i> KR26.				
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ABSTRACT

Lipopolysaccharide was obtained from the aerobic moderately halophilic bacterium *Halomonas fontilapidosi* KR26. The O-polysaccharide was isolated by mild acid degradation of the lipopolysaccharide and was examined by chemical methods and by ¹H and ¹³C NMR spectroscopy, including ¹H,¹H COSY, TOCSY, ROESY, and ¹H,¹³C HSQC, and HMBC experiments. The following structure of the linear tetrasaccharide repeating unit was deduced.

