

**High-efficiency extraction of *Pantoea alhagi* exopolysaccharides driven by  
pH-related changes in the envelope structure**

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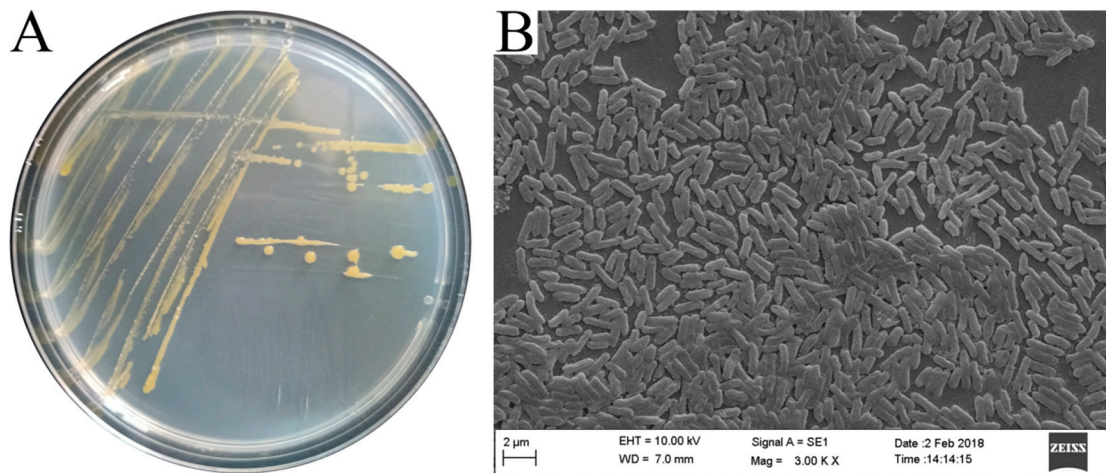
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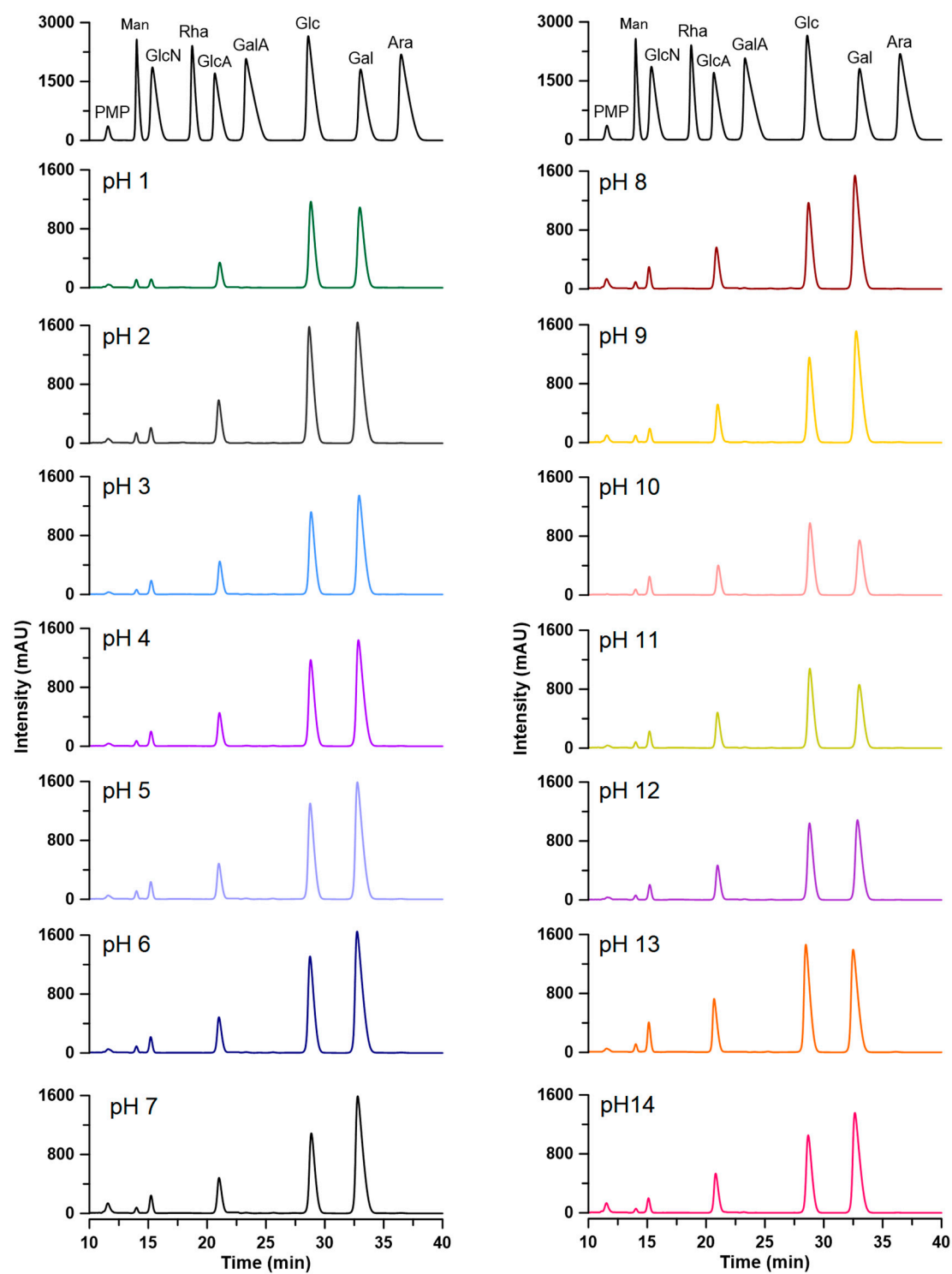
The following are Supplementary information to this article :



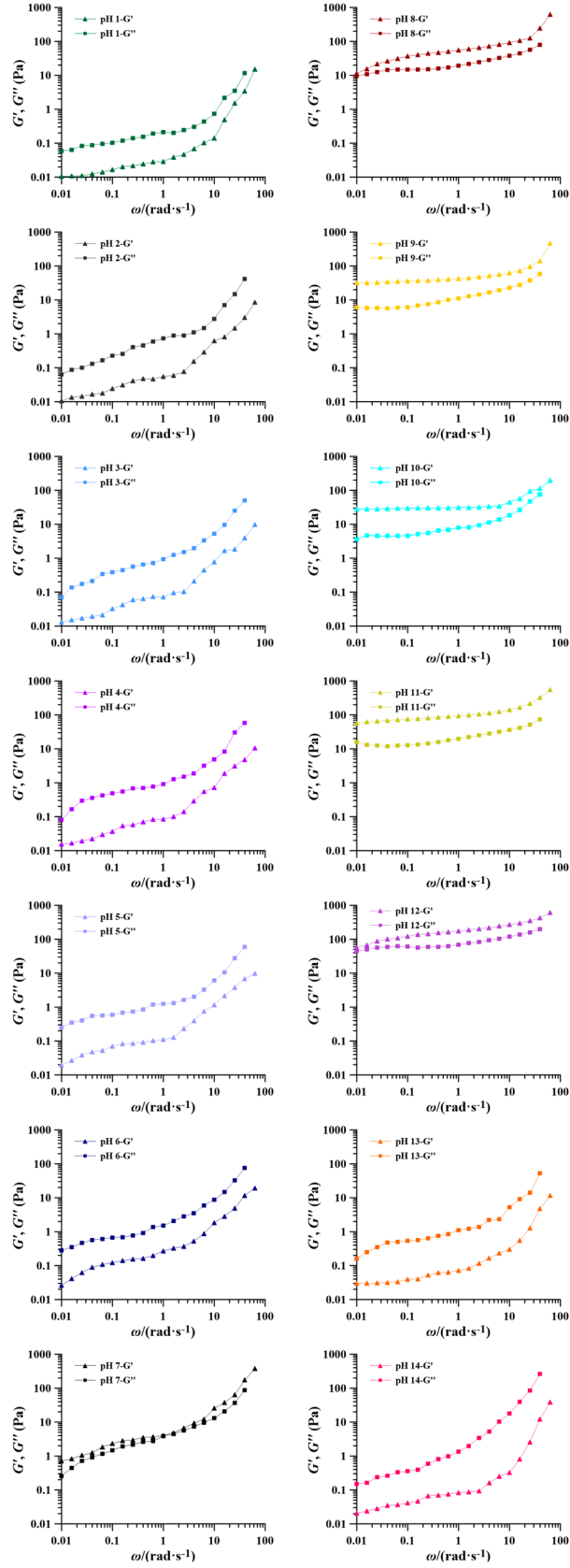
**Figure S1.** Dried PAPS obtained by different treatments.



**Figure S2** Morphological characterization of *Pantoea alhagi* NX-11(A) Colony morphology of NX-11. (B) Scanning electron micrograph of NX-11 colonies.



**Figure S3.** Analysis of monosaccharide components of pH 1-14-treated PAPS



**Figure. S4.** Effect of pH on the storage ( $G'$ ) and loss ( $G''$ ) moduli of pH 1-14-treated PAPS.