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Advice

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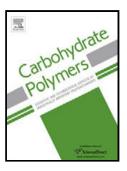
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ACCEPTED MANUSCRIPT

Methylation analysis of polysaccharides: Technical Advice

Running title: Technical advice on methylation analysis

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#### Highlights

 Technical advice on glycosyl linkage methodology is provided; example spectra are shown; data interpretation methodology is described; guidelines as to experimental data for publications are proposed.

#### **Abstract**

Glycosyl linkage (methylation) analysis is used widely for the structural determination of oligo- and poly-saccharides. The procedure involves derivatisation of the individual component sugars of a polysaccharide to partially methylated alditol acetates which are analysed and quantified by gas chromatography-mass spectrometry. The linkage positions for each component sugar can be determined by correctly identifying the partially methylated

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