### Supplement Table 3 Molecular products of cellulose slow pyrolysis in various thermal-decomposition stages

<table>
<thead>
<tr>
<th>No</th>
<th>RT (min)</th>
<th>Compounds</th>
<th>Formula</th>
<th>Area Pect (%)</th>
</tr>
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<tbody>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>300-325 °C</td>
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<td>1</td>
<td>4.119</td>
<td>2,3-Pentanedione</td>
<td>C₅H₈O₂</td>
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</tr>
<tr>
<td>2</td>
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<tr>
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<tr>
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<td>3-Penten-2-one</td>
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<tr>
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<td>1,2,4-trimethyl-Benzene</td>
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<tr>
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<td>Name</td>
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