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## 1 Antimicrobial nanostructured starch based films for packaging

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### 19 ABSTRACT

20  
21 Montmorillonite modified with a quaternary ammonium salt C30B/starch nanocomposite  
22 (C30B/ST-NC), silver nanoparticles/starch nanocomposite (Ag-NPs/ST-NC) and both  
23 silver nanoparticles/C30B/starch nanocomposites (Ag-NPs/C30B/ST-NC) films were

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