



Application of Starch/Exopolysaccharide-Based Polymers in Food Industry

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Message from the Guest Editors

Starch is produced easily and at a low cost, and since starch is abundant, from renewable and biodegradable sources, products that use it have become desirable. Starch can be compounded with different chemicals and biodegradable polymers to produce food additives, compatibilizers, stabilizers and packaging materials. Starch-based polymers have a higher viscosity increase rate and peak viscosity than normal starch. However, synthetic polymers are widely used in different areas and are readily discarded shortly after use. Because of this, more attention has recently been given to polymeric materials that are non-toxic to the environment and that biodegrade in nature. In order to expand the application range of starch in the food industry, the physicochemical properties of starch-based polymers should be further studied because they are the basis for the potential application of starch.





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