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## Effect of treatment in supercritical CO<sub>2</sub> on the composition and structure of tealeaf and cellulose

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### Abstract

The influence of the pretreatment procedures with supercritical CO<sub>2</sub> (SC-CO<sub>2</sub>) on the elemental composition of tealeaf is studied. Fourier-transform infrared absorption spectroscopy is used to examine the effect of SC-CO<sub>2</sub> on the structure of Chinese green tea and cellulose. © Pleiades Publishing, Ltd., 2011.

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### Keywords

Cellulose, Chinese green tea, Elemental composition, Structure, Supercritical carbon dioxide, Tealeaf