

## IR Spectra of Chitosan and Chitin

Chitin made from Chitosan contained in shrimp shell by treating it with acid and alkali has generated a hot attention as recycle use for papers. The Chitin made papers will find expanded use as filters for drainage and specified compound removal.

The measurement was made by KBr pellet method. A Sample which is well grinded and well mixed with KBr powder in a agate mortar is pressed by KBr pellet die. A pellet is measured.

### Measuring conditions

Measurement method : KBr pellet method (Transmittance)  
Number of scans : 32 times  
Resolution : 4 cm<sup>-1</sup>  
Detector : TGS detector

