

## Quinaldine과 Indole을 이용한 pH 진단/감응 색소

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## Quinaldine and Indole Based pH Sensitive Textile Chemosensor

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### Abstract

Colorimetric chemosensors are now considered as one of the most effective analytical method used in the environment monitoring. Colorimetric chemosensor for pH sensing can easily detect the primary danger or change of the surrounding environment pollution and source of infection and can prevent danger in the various fields. Quinaldine and Indole based colorants having the function of colorimetric chemosensors were synthesized and applied to textiles by the LBL method and electrospinning. The characteristics of colorant containing nanofibers and colored textiles were investigated if they can be used as environmental monitoring chemosensors.

### 참고문헌

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