**Colorimetric paper bioassay by horseradish peroxidase for the detection of catechol and resorcinol in aqueous samples**

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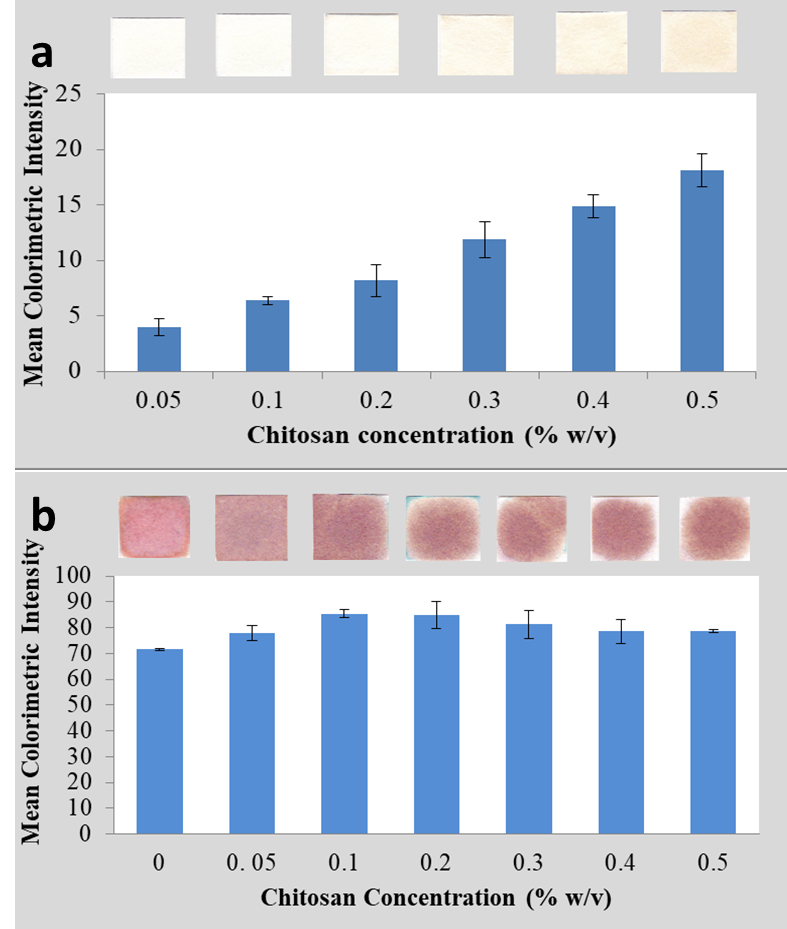
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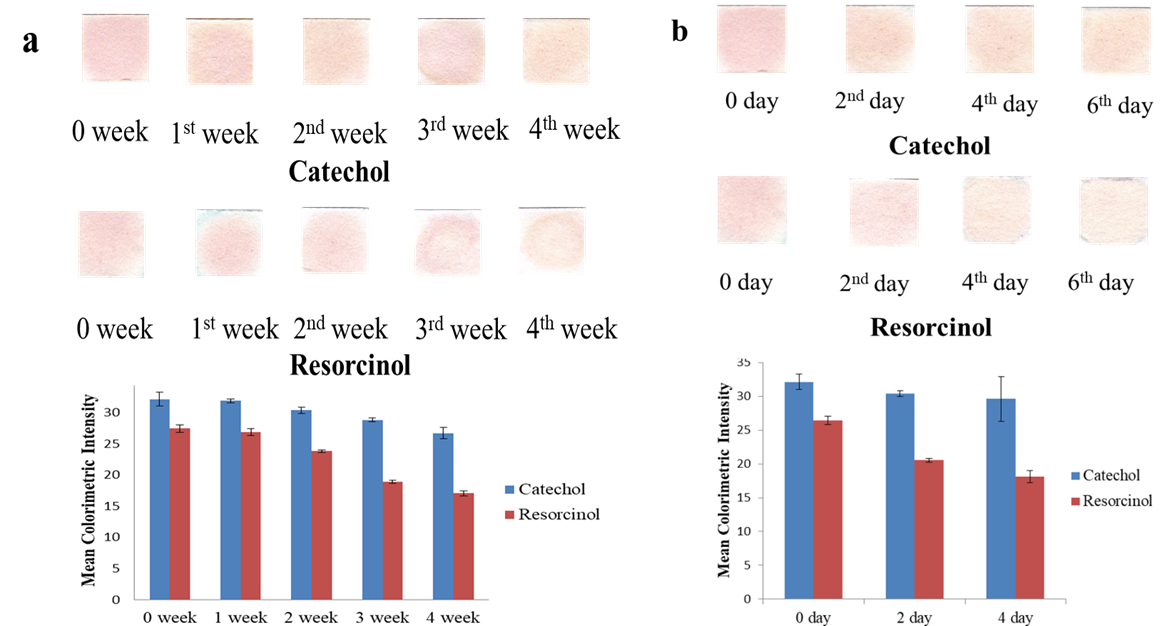
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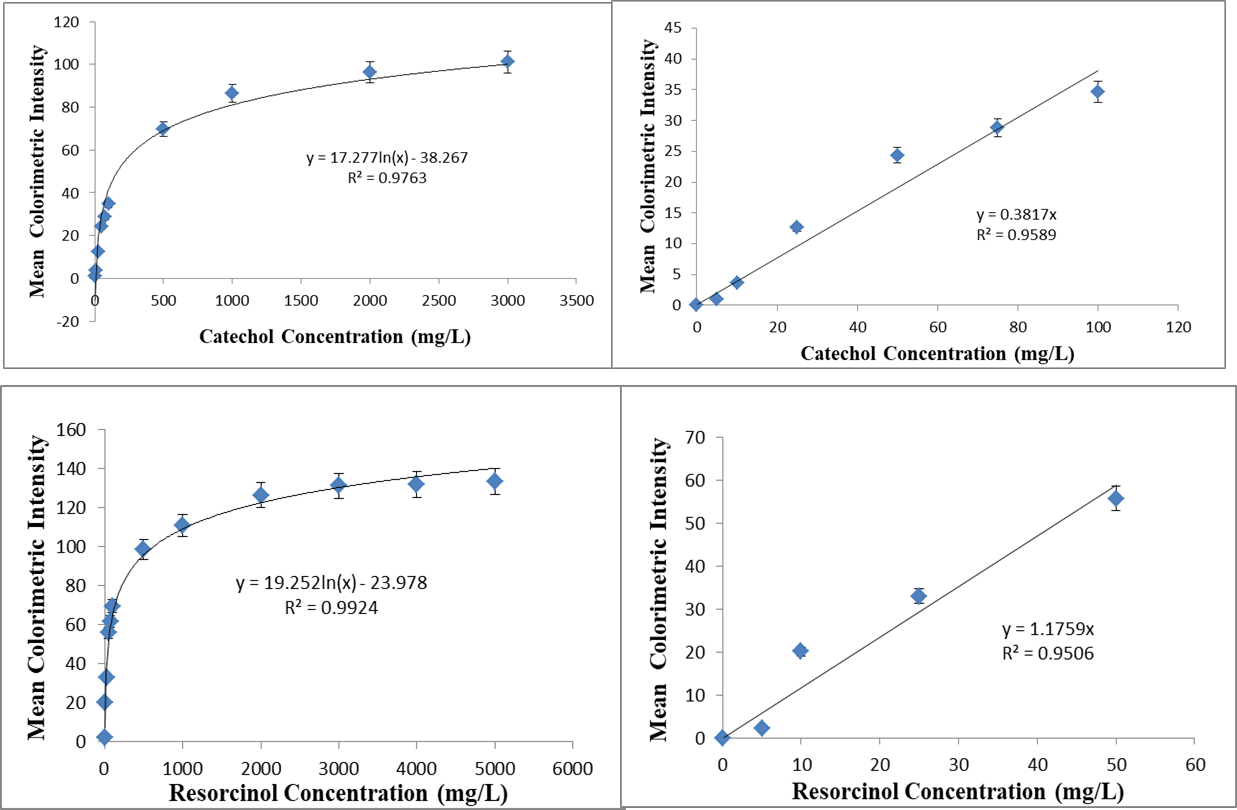
**Supplementary Data**



**S. Fig. 1**:a) Background intensity of chitosan modified Whatman #1 paper with immobilized HRP before catechol dispensation and b) Determination of optimum chitosan concentration



**S. Fig. 2:** Shelf life of biosensor a) at 4○C and b) at room temperature



**S. Fig. 3**: Calibration curve for catechol and resorcinol detection using HRP as immobilized enzyme on paper