

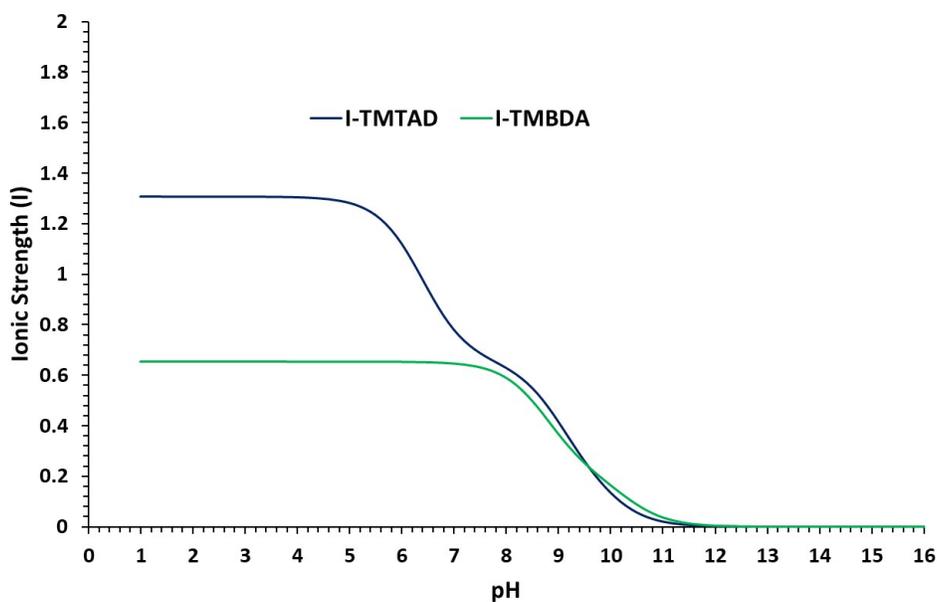
## Synthesis of lignin nanoparticles using CO<sub>2</sub>-responsive amines and their performance as UV-light shields

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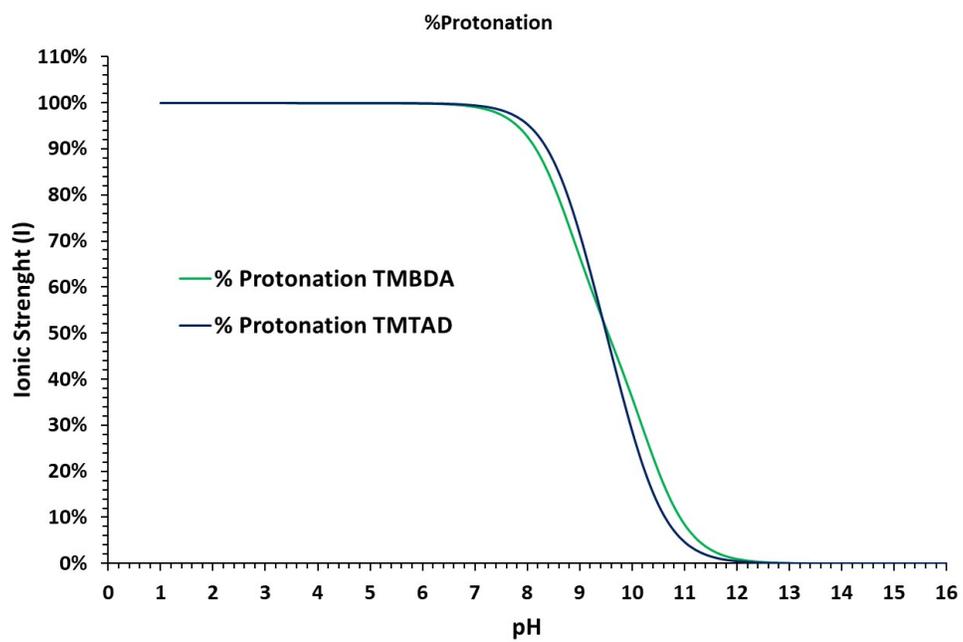
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### Supplementary Information



**Figure S1.** Ionic strength of diamine TMTAD vs TMBDA at different pH.



**Figure S2.** Protonation (%) of diamine TMTAD vs TMBDA at different pH.