

Article

Antibacterial Property of Cellulose Acetate Composite Materials Reinforced with Aluminium Nitride

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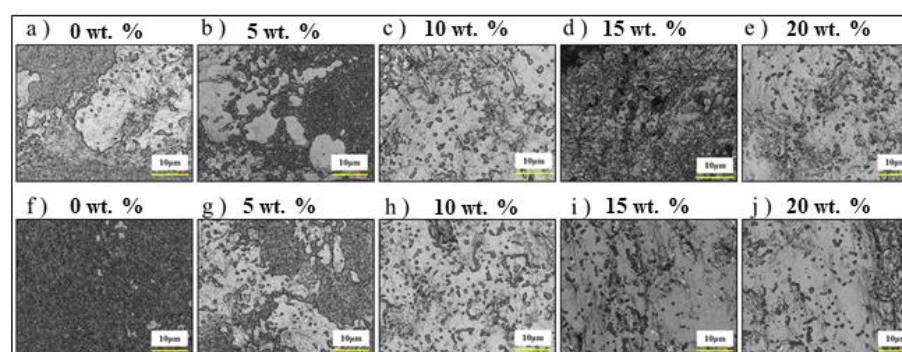


Figure S1. Microscopic images of *Staphylococcus epidermidis* biofilm formation on the different CA/AlN composites after 12 h (a-e), 24 h (f-j)

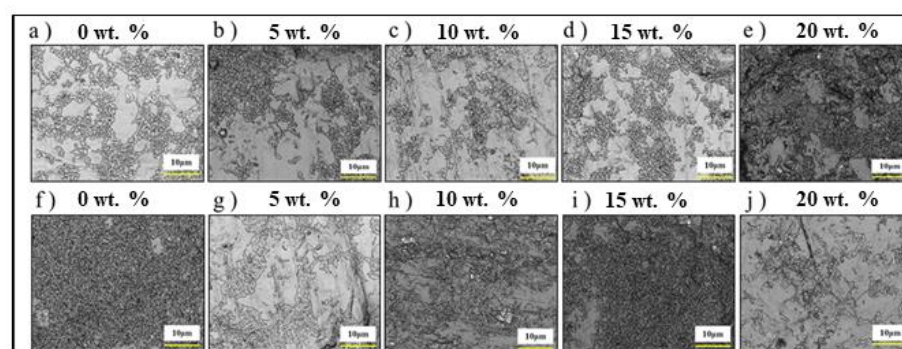


Figure S2. Microscopic images of *Escherichia coli* biofilm formation on the different CA/AlN composites after 12 h (a-e), 24 h (f-j)

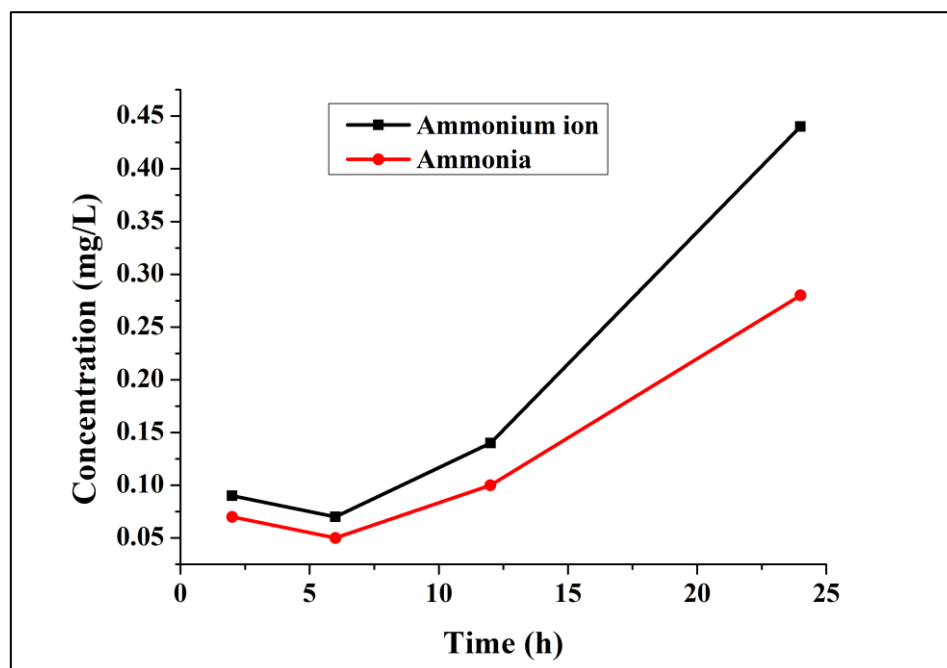


Figure S3: Quantification of Ammonium ion and Ammonia released during hydrolysis process of AlN at different time interval.

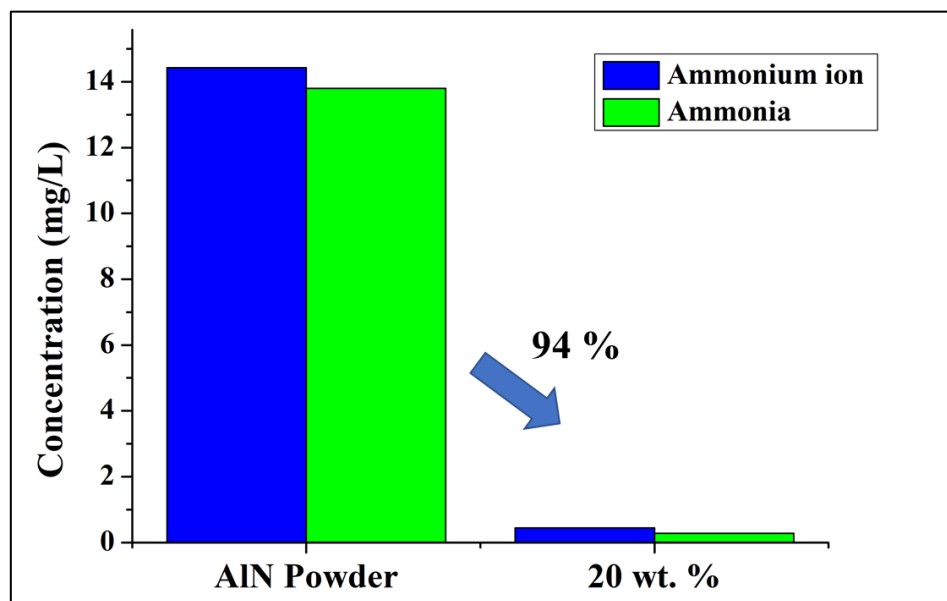


Figure S4: Comparison of Ammonium ion and Ammonia released by AlN powder and 20 wt. % CA/AlN composite.