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(54) Title: CULTURE MEDIUM FOR GROWTH OF RECOMBINANT PROTEINS

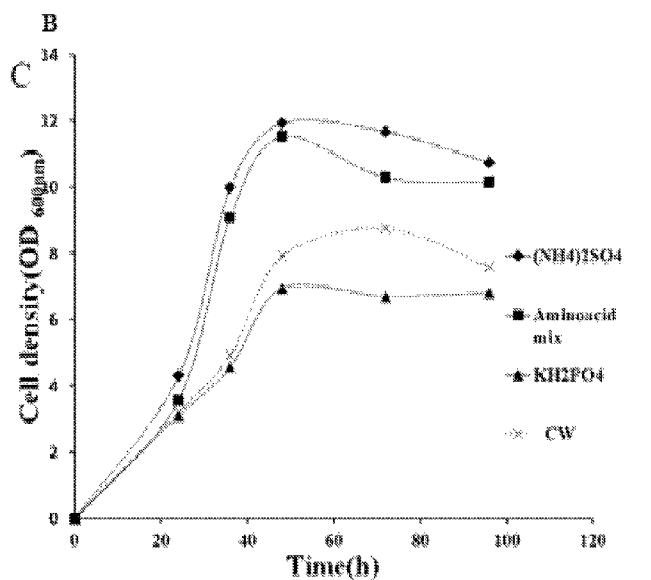


Figure 2B

(57) Abstract: The present disclosure relates to a culture medium comprising coconut water and nitrogen source, optionally along with magnesium salt and excipient or a combination thereof. The present disclosure further relates to a method of preparing the culture medium for prokaryotic and eukaryotic organisms, wherein the culture medium comprises coconut water normalized by supplementation with nitrogen source which overcomes inconsistency in growth pattern and results in substantial improvement in growth and biomass of the organisms. The present disclosure further relates to successful expression of recombinant proteins by prokaryotes and eukaryotes when cultured in the said culture medium.



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