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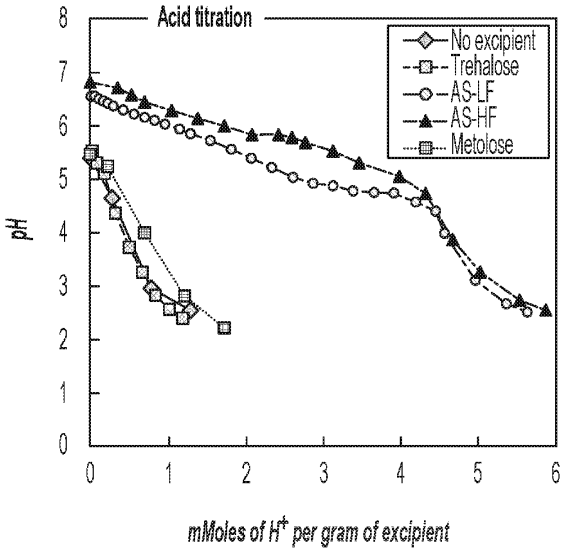
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(54) Title: HYDROXYPROPYL METHYL CELLULOSE DERIVATIVES TO STABILIZE POLYPEPTIDES

FIG. 7B



(57) Abstract: The present invention provides formulations comprising polypeptides and hydroxypropyl methylcellulose acetate succinate (HPMCAS) derivatives. The formulations are stable; for example, during high temperature processing and in possible low pH environments. In addition, the HPMCAS derivatives provide protection to a pH sensitive protein against acidic degradation products from aqueous hydrolysis of poly(lactic-co- glycolic acid) (PLGA) in PLGA-based delivery systems.

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