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(54) **Title**: USE OF TRICARBOXYLIC ACID (TCA) INTERMEDIATES TO CONTROL AMMONIA GENERATION IN CELL CULTURE

(57) **Abstract**: The present invention is directed to a method of reducing the ammonium ion concentration in a mammalian cell culture, a method of maintaining or increasing cell productivity in a mammalian cell culture, a method of maintaining or increasing cell growth in a mammalian cell culture, and a method of reducing the influence of ammonium ion accumulation on antibody glycosylation patterns in a cell culture, comprising steps of growing the cells in a cell culture medium, and contacting or administering an effective amount of a TCA intermediate composition to the cell culture medium.