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(54) **Title**: ION EXCHANGE CHROMATOGRAPHY IN THE PRESENCE OF AN AMINO ACID

(57) **Abstract**: Methods of reducing high molecular weight species (HMW) formation in a sample containing a protein purified using ion exchange (IEX) chromatography are disclosed, as are. a number of related methods, e.g., methods of reducing on-column denaturation of a protein in a protein sample purified using an ion exchange (IEX) column or- resin: The methods share, characteristics of including arginine, glycine and/or histidine in the buffers used during the ion exchange (IEX) chromatography.

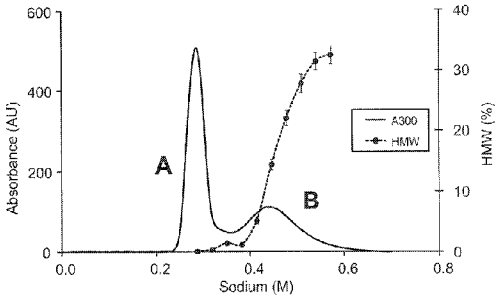


Fig 1A

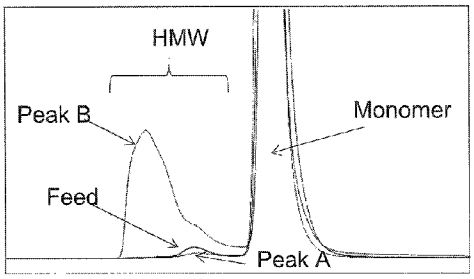


Fig 1B

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*