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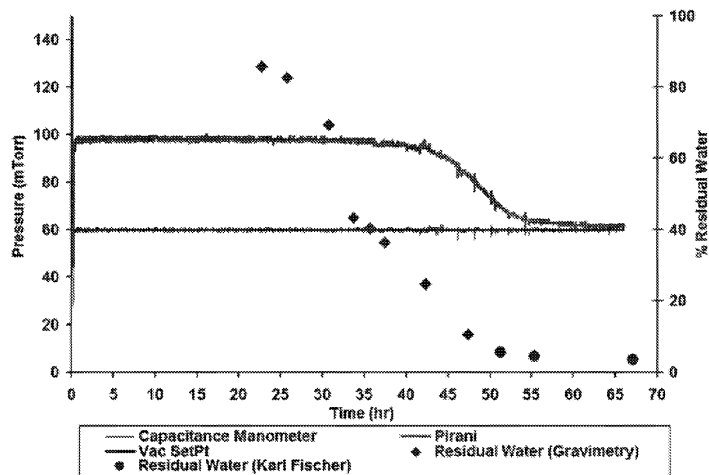
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(54) Title: TARGET RESIDUAL MOISTURE CONTENT FOR LYOPHILIZED DRUG PRODUCT

FIG. 1



(57) Abstract: Lyophilization methods for preparing protein formulations for long-term storage at room temperature or improved stability at refrigeration storage are provided. Specifically, the present application provides lyophilization methods to obtain a target percentage of residual moisture of a lyophilized product, such as 3-5% residual moisture. The secondary drying of the lyophilization can be conducted under controlling rate of desorption under a temperature which is similar to the shelf temperature of the primary drying. Alternatively, the lyophilization can be conducted without a distinguished secondary drying step.

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