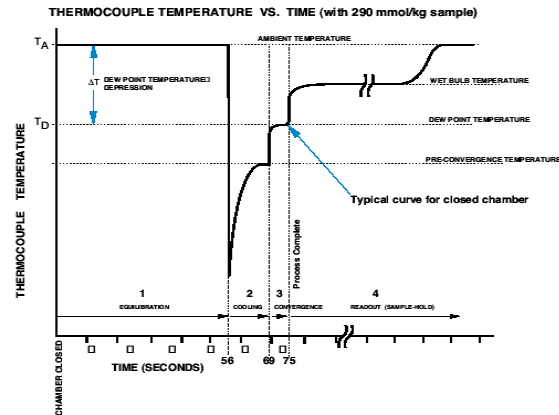


Osmolality/Osmolarity by vapor pressure osmometry



The osmolality is traditionally consulted as an assessment value to ensure the quality of solutions used for medical or pharmaceutical purposes. As a standard measure for the number of molecules solved in a liquid, the osmolality is typically given in mOsmol/kg.

In contrary to commonly used freezing-point depression principle osmometers, we apply a vapor pressure osmometer.

Technique is also suitable for viscous liquid formulations of a medicinal product. It eliminates cryoscopic artifacts due to high viscosity, suspended particles, or other conditions that can interfere with freezing point determinations.

Testing is performed in a full GMP regime.



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