

Evaluation of Protein Dispersiveness During Crystallization Process

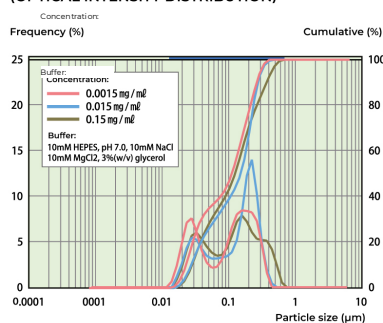
Ribosome / Lysozyme Particle Size Distribution Measurement With Nanotracs

Overview

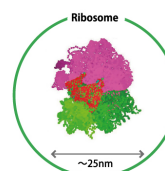
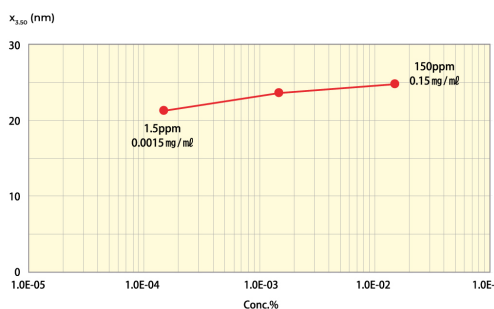
Homogeneous dispersion (monodispersion) of protein in a solution is a very important factor for the crystallization process of protein. An example is given below showing the evaluation of the state of dispersion by high-accuracy measurement of the particle size distribution of protein-dispersed solution using Nanotracs (a particle size distribution measurement system).

Measurement With a Resolution Covering Very Low Concentration Ranges Sample: Ribosome

• OVERLAPPED DATA PRESENTATION (OPTICAL INTENSITY DISTRIBUTION)

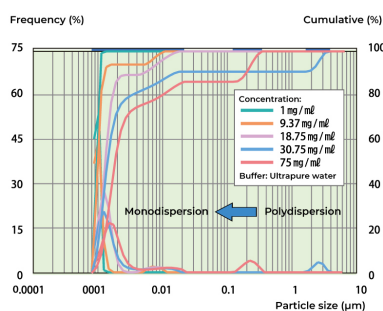


• CHANGES IN VOLUME ACCUMULATION MEDIAN DIAMETER AS A FUNCTION OF CONCENTRATION



Changes in the State of Association as a Function of Concentration Sample: Lysozyme

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