

# Lyophilization Reagent

## WISBIOMED

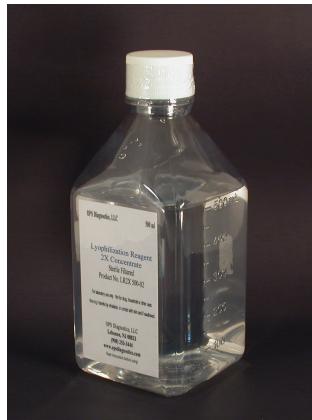
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## Sample Preparation Products



Lyophilization  
Reagent

The shelf life study of Microbial Freeze Drying Buffer, Freeze Drying Indicator, and Lyophilization Reagent (2X) Concentrate indicates that all solutions are stable for at least 18 months with no loss of activity. Based on this data, it can be extrapolated that these solutions will continue to retain functionality. It is important to note that these solutions are sterile and that shelf life stability is dependent upon sterility.

To view the study please visit

<http://www.opsdiagnostics.com/notes/lyoshelflife.htm>

### Benefits

- ❖ Simplifies protein lyophilization
- ❖ Has a high eutectic point, solid matrix, and excellent protein stability.
- ❖ May be used as prepared or mixed in equal concentration with a sample.

### Description

This clear solution is designed to simplify protein lyophilization. It is composed of a mixture of a matrix (caking agent) and lyoprotectant, that when mixed act synergistically to provide a solution with a high eutectic point, solid matrix, and excellent protein stability. It is prepared as a 2X concentrate that can be used as is, or mixed in equal concentration with a sample. Mixing the 2X Concentrate with buffers may require a reassessment of freeze drying parameters. Lyophilization Reagent is sterile filtered and bottled aseptically. It is provided in 100 ml and 500 ml PET bottles

Product Number	Description	Cost
OP-LR2X 100-01	100 mL Lyophilization Reagent (2X Concentrate)	\$37
OP-LR2X 500-02	100 mL Lyophilization Reagent (2X Concentrate)	\$51

### Related Products

OP-LRFI 100-03	100 mL Freeze drying indicator	\$44
OP-LRFI 500-04	500 mL Freeze drying indicator	\$54
OP-MFDB 100-05	100 mL Microbial Freeze Drying Buffer	\$50
OP-MFDB 500-06	500 mL Microbial Freeze Drying Buffer	\$103

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