



## LTAFO4 Defoamer Specification

LTAFO4 High Performance Defoamer is suitable for all kinds of fermentation processes. It is widely used in various kinds of antibiotics, cephalosporin, penicillin, streptomycin, glutamate, lysine, gentamicin, xanthan gum, enzyme preparation, citric acid, amino acid, vitamin C and spores and other bacteria during the fermentation process. This product is non-toxic and harmless.

### Method of Use

According to the characteristics of the fermentation process, it can be added in the base material, or in the later after high temperature sterilization flow, the effect is better in the base material than flow.

It is recommended to add 0.01%-0.03%, which is 1/3 to 1/2 of the amount of polyether and silicon defoaming agent.

It has been proved that it is easy to increase the yield by determining the reasonable adding proportion according to the characteristics of fermentation process before use. Excessive addition of antifoaming agents may have a negative effect on the growth of bacterial species.

Item	Test	Result
Odor	No irritating odor	No irritating odor
Appearance	Grey White liquid	Grey White liquid
Impurity	No visible impurities	No visible impurities
Viscosity (mpa.s) ≤	2000	834
Moisture content (wt%) ≤	2	0.30
Anti-foam property (Time of antifoam) ≤	2s	1s

Store in cool place. Valid for 2 years.