

Product Information

Soy Hydrolysate UF Solution 50X

250.0 g/L soy hydrolysate UF

CATALOG NO. 58903C

Description

There is an increased emphasis on the need for animal-free cell culture supplements based upon the number of biopharmaceutical products entering clinical trials and commercial production and the risks associated with animal-derived components. In an effort to minimize the risk of contamination by adventitious agents such as viruses, mycoplasma and TSE, alternative cell culture supplements are being developed. Soy hydrolysates are utilized in cell culture and fermentation applications as a nitrogen source when non-animal components are required. Soy Hydrolysate UF Solution 50X is an ultrafiltered enzymatic digest of soy. It is prepared with 250.0 g/L soy hydrolysate ultrafiltrate in cell culture grade water and is sterile filtered. The manufacturing of this product does not contain animal components.

Precautions

This product is for further manufacturing use. THIS PRODUCT IS NOT INTENDED FOR HUMAN OR THERAPEUTIC USE.

Storage

Solution should be stored at 2 to 8 C, protected from light.

Indications of Deterioration

Solution should be clear and free of particulate and flocculent material. Do not use if solution is cloudy or contains precipitate. Other evidence of deterioration may include color change, pH shift and degradation of physical or performance characteristics. Do not use the product after the expiration date.

Preparation Instructions

Supplements, such as antibiotics, can be added as sterile supplements to the sterilized solution using aseptic technique. Storage conditions and shelf life of the supplemented product may be affected by the nature of the supplements.

Characteristics

Appearance

Clear dark brown solution

Osmolality (as supplied)

Record at 10% (mOsm/kg H₂O)

Sterility

No microbial growth detected

Test results are recorded for information only on the following: Endotoxin (EU/mL) and pH.

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