

<b>Product Name:</b>	<b>QuaCell® CHO Feed02 Supplement</b>
<b>Cat. No.</b>	<b>A12902</b>
<b>Amount:</b>	<b>3L, 10L, or customized</b>
<b>Formulation:</b>	<b>Power</b>
<b>Storage:</b>	<b>2~8°C</b>
<b>Validity period:</b>	<b>24 months (Validity period on product packaging)</b>

## Description

QuaCell® CHO Feed02 Supplement is a serum-free, animal component-free, chemically defined supplement medium. This product provides essential nutrients in the later period of CHO cell suspension culture to maintaining cell viability and prolonging culture time, increase the density and improve the protein expression of CHO cells.

## Components

L-glutamine	No
Glucose	50.0g/L
Hypoxanthine & Thymidine	No
Phenol red	No
Sodium bicarbonate	No
Hydrolysate	No

The product consists of three components

#A12902A	Quacell® CHO Feed 02A Supplement
#A12952	Quacell® Feed B02 Supplement

Please use together following the User Manual.

## Product Intended Use

Use aseptic technique when handling or supplementing this medium. This product is for research or further manufacturing use. **CAUTION: Not for human or animal therapeutic use. Uses beyond the prescribed limits may violate local law.**

## Safety information

Read the Material Safety Data Sheets (MSDS) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves

## Preparation Instructions

- Preparation of QuaCell® CHO Feed02A Supplement:
  - Add 80%-90% of the final volume of water for injection to a suitable clean container.
  - Slowly add 124.94 g/L QuaCell® CHO Feed02A Supplement powder, Stir and mix.
  - Use 5 mol/L NaOH to adjust the pH to 6.80 ± 0.10.
  - Stir and mix for 30 minutes or until dissolved, Don't heat.
  - Use 5 mol/L NaOH to adjust the pH to 7.00 ± 0.10.
  - Add water for injection to the desired final volume, stir and mix

well.

7. Sterilize by filtration using pore size 0.20µm filter. Storage at 2~8°C avoid light preservation.

- Preparation of QuaCell® Feed B02 Supplement:

1. Add 50%-60% water for injection to a suitable clean container;
2. Slowly add 84.00 g/L Feed B02 Supplement powder. Stir and mix for 10 minutes;
3. Use 5 mol/L NaOH to adjust the pH to 11.50 ± 0.10, Stir and mix for 30 minutes until dissolved.
4. Add water for injection to the desired final volume, stir and mix well.
5. Sterilize by filtration using pore size 0.20µm filter. Storage at 2~8°C avoid light preservation.

- Use with QuaCell® CHO CD Medium.

- Antibiotics are not recommended.

- The unused media after opening should be sub package, Use sealing film to seal, In 2 ~ 8 °C avoid light preservation.

## Fed-batch culture advice

1. It is recommended that the Nth generation Day3, 5, 7, 9, 11, and 13 supplement 4%~5% CHO Feed 02A Supplement and 0.4~0.5% Feed B02 Supplement or Day3~12 supplement 2.0~2.5% CHO Feed 02A Supplement and 0.20~0.25% Feed B02 Supplement per day;
2. The feeding strategy and feeding time can be adjusted according to the density and cell growth.

If the project already has a mature cultivation process, it is suggested to refer to the original process. If the process is in the development stage, it is suggested to use DOE method to determine the appropriate cultivation parameters in order to obtain better results.

## Related Products

Cat.No.	Product
A11902	QuaCell® CHO Feed02 Supplement
A11002	QuaCell® CHO CD02 Medium
A12002	QuaCell® CHO CD02 Medium
A11004	QuaCell® CHO CD04 Medium
A12004	QuaCell® CHO CD04 Medium

## Explanation of Symbols and Warnings

		
Sterilized using aseptic processing techniques	Use By:	Store Temperature
		
Batch code	Dry preservation	Keep away from light
		
Research use only	GMP Manufacturing	Sticky notes

