# MetaCell® CHO TransFeed

## Chemically Defined Feed Medium

### Product Description

MetaCell® CHO TransFeed is a serum-free, chemically defined cell culture medium designed for high-density transient transfection of CHO cells. It supports both small-scale and large-scale transient chemical transfections of CHO cells and is compatible with a variety of commercial cationic transfection reagents.

This product is intended for research or further manufacturing but not for human or therapeutic use.

| Product Name | Cat No. | Size | Storage | Shelf Life | Application |
|---|---|---|---|---|---|
| MetaCell® CHO TransFeed | P1008-X010 | 10L | 2-8°C, protected from light | 12 months | Efficient transient transfection of CHO cells |
| | P1008-X050 | 50L | | | |

### Recommended Feed Strategies

- Add 10% (v/v) of the initial culture volume of MetaCell® CHO TransFeed, supplemented with 0.7% (v/v) of the initial culture volume of MetaCell® Titer Enhancer, 18-22 hours after transfection.
- On the 5th day post-transfection, add another 10% (v/v) of the initial culture volume of MetaCell® CHO TransFeed.
- For specific transfection procedures, please contact us.

### Media preparation instruction by weight (1kg of final net weight of liquid medium)

1. Add 900g of ultrapure water or water for injection (temperature at 20-30 °C) into a clean container.
2. Weigh out 83.50-83.60 g of the dry powder medium and 100 g of glucose, and slowly add them to the container. Stir until the powders are fully dispersed, then continue stirring for an additional 30 minutes to ensure complete dissolution. The final concentration of the medium should be 83.56 g/L.
3. Slowly add 12.5 mL/L of 5 mol/L sodium hydroxide solution and stir for 30 minutes until the powder is completely dissolved.
4. Adjust the pH to the desired range (recommended: 6.70-6.90) by adding 5 mol/L sodium hydroxide or 5 mol/L hydrochloric acid solutions as needed.
5. Add water to bring the total weight of the solution to 998.0-1002.0 g, and continue stirring for another 5 minutes.
6. Sterilize the solution by filtering through a 0.22 μm sterilizing-grade filter membrane.