

产品名称 Product Name:	CHO CD Feed 01-BT1202
货号 Cat. No.	BT1202
规格 Amount:	3L, 10L, 100L, 定制 Customized
形式 Formulation:	干粉 Powder
储存温度 Storage:	2°C ~ 8°C
有效期 Validity period:	24个月 (失效日期见产品包装) 24 months (Expiration date on product packaging)

简介

Description

CHO CD Feed 01-BT1202 补料是一款无血清、无动物成分、化学限定补料培养基。此产品可为悬浮培养后期的 CHO 细胞 活性维持提供必要的营养成分, 维持细胞活率, 延长培养时间, 加入可以显著提升悬浮培养体系中 CHO 细胞密度和蛋白表达量。

CHO CD Feed 01-BT1202 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.

组分

Component

L-谷氨酰胺 L-glutamine	不含 No
葡萄糖 Glucose	50 g/L
次黄嘌呤&胸苷	不含 No
Hypoxanthine & Thymidine	不含 No
酚红 Phenol red	不含 No
碳酸氢钠 Sodium bicarbonate	不含 No
水解产物 Hydrolysate	不含 No

产品用途

Product Intended Use

在处理或补充培养基时使用无菌技术。本产品用于研究或进一步制造使用。

Use aseptic technique when handling or supplementing this medium. This product is for research or for further manufacturing use.

警告：不用于人类或动物治疗用途。超出规定范围的使用可能会触犯当地法律。

Caution: Not for human or animal therapeutic use. Uses other than the intended use may be a violation of local law.

安全信息

Safety information

阅读物料安全数据表 (MSDS) 并依据相关的安全操作规范,

佩戴适当的护目镜, 洁净服, 口罩和手套等。

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

用前准备

Preparation before use

• 配制方法

Preparation method

1. 将终体积 80% 的注射用水加入到合适干净的容器中, 调节水温至 25~35°C;

Add 80% of the final volume of water for injection to a suitable, clean container and adjust the water temperature to 25°C ~ 35 °C;

2. 缓慢加入 132.97g/L 的 CHO CD Feed 01-BT1202 干粉培养基, 搅拌混合 10 分钟;

Slowly add 132.97g/L CHO CD Feed 01-BT1202 powder, stir and mix for 10 minutes;

3. 缓慢加入 5 mol/L NaOH 调整 pH 到 6.80±0.10, 搅拌 30 分钟;

Slowly add 5 mol/L NaOH adjust the pH to 6.80±0.10 and stir 30 minutes;

4. 缓慢加入 5 mol/L NaOH 调整 pH 到 7.00±0.10, 搅拌 5 分钟;

Slowly add 5 mol/L NaOH adjust the pH to 7.00±0.10 and stir 5 minutes;

5. 加入注射用水定容至所需的最终体积, 搅拌混合均匀;

Add water for injection to the desired final volume, stir and mix well;

6. 通过 0.20 μm 孔径滤膜正压过滤除菌, 避光保存于 2~8°C。

Sterilize by filtration using pore size 0.20μm filter, 2°C ~ 8°C protect from light.

• CHO CD Feed 01-BT1202 培养基的使用需要无菌;

Use CHO CD Feed 01-BT1202 under sterile condition;

• 不推荐使用抗生素;

Antibiotics are not recommended;

- 在 2~8°C 避光干燥保存。
2~8°C keep dry and protect from light.

补料建议

Fed-batch culture advice

- 与 CHO CD Feed 02-BT1203 搭配使用。

Use with CHO CD Feed 02-BT1203.

如果项目已经有比较成熟的培养工艺，建议参照原工艺进行，若是工艺开发阶段，建议使用 DOE 的方法来确定合适的培养参数，以便得到更好的结果。

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.

相关产品

Related Products

货号 Cat.No.	品名 Product Name
BT1201	CHO CD Medium 01-BT1201
BT1203	CHO CD Feed 02-BT1203
BT1204	CHO CD Feed 01 Plus-BT1204
BT1205	CHO CD Medium 01 plus-BT1205

标签图例

Explanation of Symbols and Warnings

		
供 GMP 制造 For GMP Manufacturing	有效期至 Expiration Date	储存温度 Store Temperature
		
批号 Lot Number	干燥保存 Keep dry	避光保存 Protect from light