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产品使用说明书 Product Instruction Manual

多宁/DuoNing

动物细胞高性能培养基 High-Performance Culture Medium for Animal-Cells

V188&V189-00

【产品名称 Product name】AR6 CHO 超浓缩高效补料培养基&BR6 CHO 超浓缩高效补料培养基 AR6 CHO super concentrated high-efficiency feed medium & BR6 CHO super concentrated high-efficiency feed medium

【主货号 Main Art. No.】AR6 CHO 超浓缩高效补料培养基 AR6 CHO super concentrated high-efficiency feed medium: FP019; BR6 CHO 超浓缩高效补料培养基 BR6 CHO super concentrated high-efficiency feed medium: FP020 粉末包装 Powder packaging

【产品说明 Product description】

AR6 CHO 超浓缩高效补料培养基和 BR6 CHO 超浓缩高效补料培养基是无动物来源成分、无蛋白的化学成分限定 (CD) 的高效补料培养基, 适用于采用中国仓鼠卵巢细胞 (CHO) 进行治疗性蛋白产品研发和生产过程中的补料分批 (fed-batch) 培养, 可提高细胞密度和抗体表达水平。

AR6 CHO super concentrated high-efficiency feed medium & BR6 CHO super concentrated high-efficiency feed medium are chemical defined high-efficiency feeding medium without animal-derived ingredients or protein, which is suitable for fed-batch culture in the research and development, and production of therapeutic protein products using Chinese hamster ovary (CHO). The combination of the two supplements can improve the cell density and antibody expression.

【配制指南 Preparation guide】

适用于 AR6 CHO 超浓缩高效补料粉末包装 (以 1L 为例)

Suitable for AR6 CHO super concentrated high-efficiency feed medium (powder packaging: taking 1L as an example)

1. 准备配液体积 80% 的超纯水 (30~40°C);

Prepare 80% volume ultrapure water (30~40°C);

2. 加入 AR6 CHO 超浓缩高效补料粉末 204.65g, 搅拌 30 min, 至粉末分散开来;

Add 204.65g of AR6 CHO super concentrated high-efficiency feed medium powder, and stir for 30 min until the powder is dispersed;

3. 加入 16.5mL 6M HCl 溶液, 继续搅拌 30min, 此时溶液澄清;

Add 16.5mL 6M HCl solution, and continue stirring for 30min, when the solution is clear.

4. 调节 pH 至 4.00~5.50 (非必须步骤);

Adjust the pH to 4.00~5.50 (optional step);

5. 定容, 搅拌 5~10 min, 检测渗透压 (渗透压范围为 1500~1900 mOsm/kg);

Constant volume, stirring for 5~10 min, and detecting osmotic pressure (osmotic pressure range is 1500~1900 mOsm/kg).

6. 用 0.22 μ m 过滤器除菌过滤;

Sterilize and filter with a 0.22 μ m filter;

适用于 BR6 CHO 超浓缩高效补料粉末包装 (以 1L 为例)

Suitable for BR6 CHO super concentrated high-efficiency feed medium (powder packaging: taking 1L as an example)

1. 准备配液体积 80% 的超纯水;

Prepare 80% volume ultrapure water;

2. 加入 BR6 CHO 超浓缩高效补料粉末 19.42g, 搅拌 20 min, 至粉末分散开来;

Add 19.42g of BR6 CHO super concentrated high-efficiency feed medium powder, and stir for 20 min until the powder is dispersed;

3. 加入 35mL 6M NaOH 溶液, 继续搅拌 30min, 此时溶液澄清;

Add 35mL 6M NaOH solution, and continue stirring for 30min, when the solution is clear.

4. 调节 pH 至 10.00~11.50 (非必须步骤);

Adjust the pH to 10.00~11.50 (optional step);

5. 定容, 搅拌 5~10 min, 检测渗透压 (渗透压范围为 280~360 mOsm/kg);

Constant volume, stirring for 5~10 min, and detecting osmotic pressure (osmotic pressure range is 280~360 mOsm/kg).

6. 用 0.22 μ m 过滤器除菌过滤;

Sterilize and filter with a 0.22 μ m filter;


【储存和复验期 Storage and retest date】

AR6 CHO 超浓缩高效补料培养基粉末包装, 无锡生产基地, 干粉包装: 2~8 $^{\circ}$ C 避光储存, 复验期为 24 个月。

AR6 CHO super concentrated high-efficiency feed medium Wuxi production base, powder packaging: 2 $^{\circ}$ C to 8 $^{\circ}$ C, protect from light; retest date: 24 months.

BR6 CHO 超浓缩高效补料培养基粉末包装, 无锡生产基地, 干粉包装: 2~8 $^{\circ}$ C 避光储存, 复验期为 24 个月。

BR6 CHO super concentrated high-efficiency feed medium Wuxi production base, powder packaging: 2 $^{\circ}$ C to 8 $^{\circ}$ C, protect from light; retest date: 24 months.

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【生产企业信息 Manufacturer information】

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