



# Cellvento® Feed-210

## Chemically defined cell culture feed

### Product description

Cellvento® Feed-210 is a chemically defined feed formulation containing only components of non-animal origin. The product is intended for use in the development and manufacturing of biotherapeutics in Chinese Hamster Ovary (CHO) cell-based expression systems.

Cellvento® Feed-210 contains concentrated amino acids, vitamins, salts, and trace elements and is supplied in dry powder format.

### Application

Cellvento® Feed-210 has been designed to support optimal cell growth and performance of DHFR-negative CHO suspension cell types, primarily recombinant CHO-DG44 cell lines, but may be suitable for use with other CHO cell lines. It is intended for use as a companion feed supplement with the production medium Cellvento® CHO-210 in fed-batch manufacturing processes.

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

### Storage

Dry powder should be stored at 2–8 °C protected from light.

Do not use after expiration date.

### Reconstitution method to generate 5 L Cellvento® Feed-210

1. Slowly add 408 grams of powder to 4 L of Milli-Q® or similar cell culture grade water in an appropriately sized container. Rinse feed container as necessary to remove remaining powder.
2. Vigorously mix for 45–60 minutes until fully dissolved.
3. Add cell culture grade water to reach a final volume of 5 L. Confirm final pH of 5.2 – 5.8.
4. Measure the osmolality of the solution. Final osmolality should be  $658 \pm 30$  mOsmol/kg.
5. Immediately filter using a sterilizing-grade filter ( $\leq 0.22 \mu\text{m}$ ). For filter recommendations, see Page 2.
6. Store at 2–8 °C protected from light. Reconstituted liquid Cellvento® Feed-210 is stable for 90 days. When a bottle is opened, liquid feed is stable for max. 2 weeks.

## Ordering Information

Cat. No.	Product Name	Pkg. size
<b>Companion Cellvento® Feed-210</b>		
<b>1.02488.0005</b>	Cellvento® Feed-210 Chemically defined cell culture feed	408 g (.5 L)
<b>1.02488.0050</b>	Cellvento® Feed-210 Chemically defined cell culture feed	4.080 kg (50 L)
<b>Cellvento® CHO-210 medium</b>		
<b>1.02485.0010</b>	Cellvento® CHO-210 Chemically defined cell culture medium	231.3 g (10 L)
<b>1.02485.0100</b>	Cellvento® CHO-210 Chemically defined cell culture medium	2.313 kg (100 L)
<b>Cell culture additives</b>		
<b>1.00286.1000</b>	L-Glutamine suitable for use as excipient EMPROVE® exp DAB, USP	1 kg
<b>1.37013.2500</b>	Sodium hydrogen carbonate suitable for biopharmaceutical production EMPROVE® bio Ph Eur, BP, USP, JP	2.5 kg
<b>1.02735.0100</b>	L-Cysteine hydrochloride monohydrate suitable for use as excipient EMPROVE® exp Ph Eur, USP	100 g
<b>1.02413.0100</b>	L-Tyrosine disodium salt dihydrate for cell culture media	100 g

## Ordering Information for sterilizing-grade filters

	Bacteria Removal	Mycoplasma & Bacteria Removal	Virus, Mycoplasma & Bacteria
<b>Volume</b>	Millipore® Express SHC	Millipore® Express SHC with Prefilter	Viresolve® Barrier
<b>5 L</b>	KHGES015FF3	KHVES015FF3	VBKG005TC1
<b>10 L</b>	KHGES015FF3	KHVES015FF3	VBKG015TC1
<b>50 L</b>	KHGES003FF3	KHVES006FF3	VBKG050TC1

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Merck KGaA  
Frankfurter Strasse 250  
64293 Darmstadt, Germany

## To place an order or receive technical assistance

In Europe, please call Customer Service:

France: 0825 045 645

Germany: 069 86798021

Italy: 848 845 645

Spain: 901 516 645 Option 1

Switzerland: 0848 645 645

United Kingdom: 0870 900 4645

For other countries across Europe,  
please call: +44 (0) 115 943 0840

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