



# Cellvento® Feed-200

## Chemically defined cell culture feed

### Product description

Cellvento® Feed-200 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-200 contains concentrated amino acids, vitamins, salts, and trace elements and is supplied in dry powder format.

### Application

Cellvento® Feed-200 has been designed to support optimal cell growth and performance of CHO-S cells, 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-200 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 3 L Cellvento® Feed-200

1. Slowly add 347 grams of powder to 2.5 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 3 L. Confirm final pH of 5.3–5.9.
4. Measure the osmolality of the solution. Final osmolality should be  $1150 \pm 50$  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-200 is stable for 30 days. When a bottle is opened, liquid feed is stable for max. 2 weeks.

**Note:** For use in feed evaluation, the culture must be additionally supplemented with a cysteine/tyrosine stock solution with concentrations of 150 mM L-cysteine and 288.5 mM L-tyrosine. Recommended ranges for evaluation are described in the Process Guidance for Cellvento® CHO-200 medium.

## Ordering Information

Cat. No.	Product Name	Pkg. size
<b>Companion Cellvento® Feed-200</b>		
1.01883.0003	Cellvento® Feed-200 Chemically defined cell culture feed	0.347 kg (3 L)
1.01883.0010	Cellvento® Feed-200 Chemically defined cell culture feed	1.158 kg (10 L)
1.01883.0050	Cellvento® Feed-200 Chemically defined cell culture feed	5.791 kg (50 L)
<b>Cellvento® CHO-200 medium – Dry powder</b>		
1.01885.0010	Cellvento® CHO-200 Chemically defined cell culture medium	0.232 kg (10 L)
1.01885.0100	Cellvento® CHO-200 Chemically defined cell culture medium	2.325 kg (100 L)
<b>Cell culture additives</b>		
1.00286.1000	L-Glutamine suitable for use as excipient EMPROVE® exp DAB, USP	1 kg
1.37013.2500	Sodium hydrogen carbonate suitable for biopharmaceutical production EMPROVE® bio Ph Eur, BP, USP, JP	2.5 kg
1.02735.0100	L-Cysteine hydrochloride monohydrate suitable for use as excipient EMPROVE® exp Ph Eur, USP	0.1 kg
1.02413.0100	L-Tyrosine disodium salt dihydrate for cell culture media	0.1 kg

## 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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