

Product Information

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.

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 +/-50 mOsmol/kg. Sterilize by membrane filtration using a 0.22 µm Millipore Express® PLUS or Durapore® membrane filter (bottle cap or capsule filter).
5. 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.

Storage

Dry powder should be stored at 2–8 °C protected from light. Do not use after expiration date.

Shelf life

12 months

Ordering information for companion Cellvento™ Feed-200

Catalog number	Product name	Pkg. size	Equivalent
1.01883.0003	Cellvento™ Feed-200 Chemically defined cell culture feed	0.347 kg	3 liters
1.01883.0010	Cellvento™ Feed-200 Chemically defined cell culture feed	1.158 kg	10 liters
1.01883.0050	Cellvento™ Feed-200 Chemically defined cell culture feed	5.791 kg	50 liters

Ordering information for Cellvento™ CHO-200 medium

Catalog number	Product name	Pkg. size	Equivalent
1.01885.0010	Cellvento™ CHO-200 Chemically defined cell culture medium	0.232 kg	10 liters
1.01885.0100	Cellvento™ CHO-200 Chemically defined cell culture medium	2.325 kg	100 liters

Ordering information for cell culture additives

Catalog number	Product name	Pkg. size
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
Available on request	HT Supplement (50 x)	100 mL
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
1.02415.0400	D(+) Glucose anhydrous for cell culture media	0.4 kg

Ordering information for aseptic filters

Catalog number	Product name	Pkg. size
GPWP02500	Millipore Express® PLUS Membrane, 0.22 µm, 25 mm	100
GVWP02500	Durapore® Membrane, 0.22 µm, 25 mm	100

To find out more about Cellvento™ CHO media platform products, visit www.merckmillipore.com/cellvento

For more information and documentation please contact:

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The typical technical data above serve to generally characterize the cell culture media in industry-relevant expression systems. The product information is available separately from the website www.merckmillipore.com

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