

CD EfficientFeed™ C AGT™ Nutrient Supplement

Description

CD EfficientFeed™ C AGT™ Nutrient Supplement is a dry-format single-part supplement for fed-batch addition to the culture of multiple cell lines. CD EfficientFeed™ C AGT™ Nutrient Supplement works with GS CHO cell lines as a single feed without the need for additional GS supplements. CD EfficientFeed™ C AGT™ Nutrient Supplement is an animal origin-free, chemically defined formulation that contains no proteins, hydrolysates, or components of unknown composition.

Product	Catalog no.	Amount	Storage	Shelf life*
CD EfficientFeed™ C AGT™ Nutrient Supplement**	A13275-04	1 × 1 L	2°C to 8°C; Store Dark and Dry.	24 months
	A13275-05	1 × 10 L		
	A13275-01	1 × 100 L		

* Shelf Life duration is determined from Date of Manufacture.

** AGT = Advanced Granulation Technology.

Product use

Caution: For manufacturing, processing, or repacking.

Safety information

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

Prepare medium

Reconstitute CD EfficientFeed™ C AGT™ Nutrient Supplement

1. Measure room temperature (15°C to 30°C) deionized or distilled water to 80% of final volume into an appropriately sized clean vessel.
2. Add 5N Sodium Hydroxide at 20 mL/L final volume.
3. Add CD EfficientFeed™ C AGT™ at 79.6 g/L. Mix for a minimum of 10 minutes. Solution will be cloudy, improving with time.
4. Slowly adjust to pH 9.2 with 5N Sodium Hydroxide. Mix for 15 minutes.
5. Slowly adjust to pH 7.0 with 5N Hydrochloric Acid. Mix for 10 minutes.
6. Add room temperature deionized or distilled water to final volume. Mix for 15 minutes.
7. Sterilize by membrane filtration.

Note: Once product is filter-sterilized, use immediately or dispense product into single use aliquots prior to storage. Store product at 2°C to 8°C; (protected from light) up to 4 months.

Use










CD EfficientFeed™ C AGT™ Nutrient Supplement can be added as multiple discrete additions every 1–3 days or as a continuous feed. Total feed volume can range from 10–30% of the original culture volume depending on the cell line and process. For best results, it is recommended to initiate feeding only after reaching mid to late exponential phase.

Related products

Product	Catalog no.
Water, Distilled	15230
Water for Injection (WFI) for Cell Culture,	A12873
CD FortiCHO™ Medium	A11483
CD OptiCHO™ Medium	12681
CD CHO Medium	10743
CHO CD EfficientFeed™ A AGT™ Kit	A14420
CHO CD EfficientFeed™ B AGT™	A12456
CHO CD EfficientFeed™ B Liquid Nutrient Supplement	A10240
Trypan Blue Stain	15250
Countess® Automated Cell Counter	C10227

Explanation of Symbols and Warnings

The symbols present on the product label are explained below:

				
Temperature Limitation	Manufacturer	Batch code	Use By:	Caution, consult accompanying documents
	 Read SDS			
Consult instructions for use	Read Safety Data Sheet	Catalog number	Keep away from light	

Limited Use Label License: Internal Research and Bioproduction Use

The purchase of this product conveys to the purchaser the limited, non-transferable right to use the purchased amount of the product (a) to perform internal research for the sole benefit of the purchaser; and (b) to culture cells for the purpose of producing a product wherein the product will be used for any or all of the following: (i) internal research use by the purchaser; (ii) resale for internal research use by third parties; (iii) performance of research conducted by the purchaser on a fee for service or contract basis for or on behalf of third parties; (iv) resale for use as a human therapeutic agent or diagnostics product or component by third parties; (v) performance of manufacturing services conducted by the purchaser on a fee for service or contract basis for or on behalf of third parties.

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Limited Product Warranty

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For additional technical information such as Safety Data Sheets (SDS), Certificates of Analysis, visit www.lifetechnologies.com/support
For further assistance, email techsupport@lifetech.com

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