Data Sheet

ITSE Animal-Free®

Blood-free Cell Culture Media Supplement

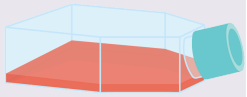
Animal-Origin-Free ITS Supplement with Ethanolamine Support

ITSE Animal-Free is a chemically defined, animal-origin-free supplement designed to enhance cell metabolism, viability, and stability in mammalian cell culture. ITSE combines ITS with ethanolamine, providing key components for membrane integrity, lipid metabolism, and energy balance in serum-free bioprocessing. Manufactured in a cGMP & ISO 9001-certified facility, ITSE AF ensures batch-to-batch consistency between lots.

- **Remove or reduce FBS / human AB serum** – Offers recombinant alternatives to human and animal-components.
- **IgG-Free formulation** – Simplifies downstream purification & reduces processing complexity.
- **Broad compatibility** – Supports cell lines needing lipid metabolism support, including CHO, HEK293, hybridoma, iPSC, MSC, T cells, NK cells, and VERO.
- **Supports cell metabolism** – Delivers critical components for improved nutrient uptake and energy balance.
- **Designed for high-density cultures** – Enhances growth and stability in demanding cell expansion workflows.

Applications

- **Cell & Gene Therapy**
- **Animal-Origin-Free Cell Culture**
- **Stem Cell Expansion**
- **Bioprocessing & Fermentation**
- **Diagnostics & Reagents**
- **Antibody Production**



Specifications

Composition	rh-Insulin – 1.00 g/L rh-Transferrin – 0.55 g/L Selenium – 0.00067 g/L Ethanolamine – 0.20 g/L
Format	Liquid
Concentration	100x sterile concentrate
Shelf Life	2 years
Regulatory Compliance	cGMP, ISO 9001
Packaging	10 mL, 100 mL, & 1 L bottles
Storage	2–8°C

ITSE Animal-Free

SCAN ME

Try ITSE AF Today!

www.invitria.com/itse-af

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InVitria's Commitment to Quality & Innovation

Recombinant, chemically defined solutions – Enhances consistency, purity, and performance in biomanufacturing.

Animal-origin-free – Eliminates plasma-derived risks for safer, more reliable formulations.

Lot-to-lot consistency – Ensures reproducibility and reliability by minimizing variability between production batches.

Scalable, reliable supply chain – Ensures secure global availability with high-volume production capacity.

ISO 9001 & cGMP compliant – Manufactured under strict quality and regulatory standards for consistency and safety.

Regulatory-friendly – Designed to meet pharmaceutical, biotech, and global regulatory requirements.



- Optimized for lipid metabolism support
- Reduces reliance on FBS & Human AB Serum
- Boosts membrane stability
- Enhances cell performance
- No undefined components

Product	Size	Product #
ITSE AF	10 mL	777ITS032-10mL
ITSE AF	100 mL	777ITS032-100mL
ITSE AF	10 x 10 mL	777ITS032-10x10mL
ITSE AF	1 L	777ITS032-1L

*Request a quote for bulk & large-scale format options.

Secure Your Supply Now!

SCAN ME

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