Data Sheet

Optibumin® 25

Recombinant Human Serum Albumin (rHSA)

The First 25% rHSA Solution for Closed-System Biomanufacturing

The first recombinant human serum albumin (rHSA) available as a 25% solution. Designed for use in biologic and biopharmaceutical applications, it serves as a like-kind replacement for traditional HSA, providing a chemically defined, human- and animal-origin-free alternative with improved consistency and safety. Available in a 100 mL sterile, single-use bag as well 100 mL sterile bottle.

Applications

- **Cell & Gene Therapy**
- **Regenerative Medicine**
- **Vaccines**
- **Medical Devices/Sealants**
- **Tissue & Cell Storage**
- **Diagnostics & Reagents**
- **Drug Conjugation**



- **25% rHSA matches blood-derived HSA** – A like-kind replacement for plasma-derived HSA in biomanufacturing.
- **Optimized for closed-system GMP workflows** – Sterile, single-use bags with weldable tubing in standardized format and concentration simplify HSA replacement for easy integration.
- **Highest purity (≥ 99%)** – Ensures superior stability and performance.
- **No adventitious agent testing needed** – Animal-free rHSA eliminates raw material screening and viral testing.
- **Excipient-grade –** Suitable for final formulation and drug delivery.

Specifications

Purity	≥ 99.0% recombinant human serum albumin
Format	Liquid
Concentration	25% (w/v)
Sterility	Sterile
Shelf Life	3 years
Regulatory Compliance	cGMP, ISO 9001
Packaging	100 mL bags 100 mL bottles
Storage	2–8°C

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Try Optibumin 25 Today!

www.invitria.com/optibumin25

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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.



- Only 25% rHSA solution available
- Available in bags for closed systems
- Excipient grade
- Low lipid content
- No additives or preservatives
- Compatible with various buffers & media
- Highest mercapto-albumin (Cys-34 free thiol) concentration

Product	Size	SKU
Optibumin 25	100 mL bag	555HSA0075-100mL-BG
Optibumin 25	100 mL bottle	555HSA0075-100mL-BT

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

Secure Your Supply Now!

SCAN ME

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