

# Optibumin<sup>®</sup> 25

Recombinant Human Serum Albumin (rHSA)

## The First 25% rHSA Solution for Closed-System Biomanufacturing

Optibumin 25 is 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. It is manufactured under ISO 9001:2015-certified, cGMP-compliant conditions in the USA.

### Applications

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



### Specifications

<b>Purity</b>	≥99% recombinant human serum albumin
<b>Format</b>	Liquid
<b>Concentration</b>	25% (w/v)
<b>Sterility</b>	Sterile
<b>Shelf Life</b>	2 years
<b>Regulatory Compliance</b>	cGMP, ISO 9001
<b>Packaging</b>	100 mL bags
<b>Storage</b>	2–8°C

## Why Choose Optibumin 25?

- ✓ **25% rHSA matches blood-derived HSA** – A like-kind replacement for plasma-derived HSA in biomanufacturing.
- ✓ **High-purity (≥99%)** – Ensures superior stability and performance.
- ✓ **Regulatory-friendly** – Designed for compliance with global pharmaceutical standards.
- ✓ **Optimized for closed-systems** – Compatible with various weldable tubing options - Ensures sterility and consistency.
- ✓ **Excipient-grade** – Suitable for final formulation and drug delivery.



Try Optibumin 25 Today!

## InVitria's Commitment to Quality & Innovation



**Chemically defined, human- & animal-origin-free** – No risk of plasma-derived contaminants.



**Supply chain reliability** – Scalable production with metric ton capacity.



**Global availability** – Distributed worldwide for seamless supply.



**Sustainable & environmentally friendly** – Reduced carbon footprint in biotech manufacturing.



**Manufactured in the USA** – ISO 9001 & cGMP-compliant facility.



**Batch-to-batch consistency** – Reliable performance and reproducibility.

## Optibumin 25 Advantages



- ✓ 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
<u>Optibumin 25</u>	100 mL bag	555HSA0075-100mL

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