



# HUMAN ALBUMIN

## PHARMACEUTICAL GRADE

USP/EP/ChP, FDA/EMA/NMPA, GMP

### THE VERSATILE EXCIPIENT OF CHOICE

“Albumin is widely used as an excipient in drug formulation, drug delivery, a component of cell culture media, for cryopreservation of cells, for vaccine manufacturing, or for coating of medical devices, ultimately making it a versatile excipient in pharmaceutical and biotechnological products. <sup>(1-4)</sup>

Octapharma Human albumin is double virus inactivated, nonimmunogenic, and has proven excellent biocompatibility. <sup>(5-7)</sup>”



(1) Francis GL (2010) Albumin and mammalian cell culture: implications for biotechnology applications. *Cytotechnology* 62: 1-16  
 (2) Elsakdeh B, Kratz F (2012) Impact of albumin on drug delivery – new applications on the horizon. *J. Control release* 157: 4-28  
 (3) Larsen MT, Kuhlmann M, Hvam ML, et al. (2016) Albumin based drug delivery: harnessing nature to cure disease. *Mol Cell Ther* 27; 4:3  
 (4) Gonzalez Porto SA, Domenech N, Gonzalez Rodriguez A, et al. (2018) The addition of albumin improves Schwann cells viability in nerve cryopreservation. *Cell Tissue Bank* 19: 507-517  
 (5) CPMP/BWP/268/95 Note for guidance on virus validation studies: The design, contribution and interpretation of studies validating the inactivation and removal of viruses  
 (6) CPMP/BWP/269/95, rev.3 Note for guidance on plasma derived medical products  
 (7) CPMP/PhVWP/BPWG/2231/99/Rev1 Core SPC for Human Albumin Solution

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# octapharma



Founded in 1983, Octapharma is the largest privately owned and independent plasma fractionator

More than 10 years working together with worldwide industrial customers, offering tailored regulatory, technical and quality assistance



More than 180 Octapharma owned plasma collection centres in USA and Germany which maximizes long term security of supply

Octapharma Human Albumin is double virus inactivated, non-immunogenic, and has proven excellent biocompatibility <sup>(1, 2)</sup>



Pharmaceutical Grade:  
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Detailed batch specific documentation available  
(CoA, CoO, OCABR certificate, ...)



CPMP/BWP/268/95 Note for guidance on virus validation studies. The design, contribution and interpretation of studies validating the inactivation and removal of viruses.  
CPMP/PhVWP/BPWG/2231/99/Rev1 Core SPC for Human Albumin Solution