

## Certificate of Analysis

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Product Name	Gamma globulin, human
Glentham Code	GE4986
CAS Number	9007-83-4
MDL Number	MFCD00164089
Batch Number	307CHU

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Molecular Weight	-
Molecular Formula	-
Storage Temp.	+4°C

Property	Specification	Batch 307CHU
Physical Description	White to almost white powder	Almost white powder
pH (5% in water)	6.0 - 8.0	6.5
Protein	4.5 - 5.5 g/100ml (5% solution)	4.7g/100ml
Water	≤ 5%	< 5%
Sodium (Na)	≤ 200mmol/L (5% solution)	< 50mmol/L
Chloride (Cl)	≤ 200mmol/L (5% solution)	< 50mmol/L
Potassium (K)	≤ 2mmol/L (5% solution)	< 1mmol/L
Calcium (Ca)	≤ 2mg/100ml (5% solution)	< 1mg/100ml
Microbiological Counts	≤ 100CFU/ml (5% solution)	< 1CFU/ml
Purity (SDS-PAGE)	≥ 98%	> 98%
Source	Human plasma	Conforms
Additional Testing	Negative for HBsAg, HCV, HIV1/2, HIV-1 (NAT) and HCV (NAT)	Conforms

Specification Version	v1.1
Manufacture Date	2023-08-01
Re-Test Date	2030-10-18

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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