

**Certificate of Analysis
GM501 HSA**

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|-------------------|----------------|
| Batchnumber | HSA-2003 |
| Production date | 17 August 2020 |
| Expiry date | 31 August 2021 |
| Total volume (mL) | 10000 |
| Batchnumber HSA | K936A6871 |

| | Results | Specifications |
|-----------------------------|----------------|-----------------------|
| pH | 7,26 | 7,20-7,40 |
| Osmolality | 275 | 265-285 mOsm/kg |
| Bacterial screen | PASSED | PASSED |
| Fungal screen | PASSED | PASSED |
| Endotoxin | < 0,8 | < 1,0 EU/mL |
| Color | AMBER | AMBER |
| Clarity | PASSED | Clear, no particles |
| Mouse Embryo Assay (1-cell) | 85,71 | ≥ 80 % |

Source materials from which this product was derived was found negative when tested for antibodies against HIV-1/2 and HCV and non-reactive for HbsAg, HBV RNA, HIV-1 RNA and syphilis. No known test method can offer assurance that products derived from human blood will not transmit infectious agents. Therefore, handle all specimens as if capable of transmitting HIV or hepatitis.

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| Release date | 16 September 2020 |
| Released by | Dr. Julia Heinzmann |
| Signature | |

p.p. Julia Heinzmann