

**Certificate of Analysis
GM501 HSA**

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|-------------------|---------------|
| Batchnumber | HSA-1702 |
| Production date | 19 April 2017 |
| Expiry date | 30 April 2018 |
| Total volume (mL) | 200 |
| Batchnumber HSA | M620C6671 |

| | Results | Specifications |
|-----------------------------|----------------|-----------------------|
| pH | 7,33 | 7,20-7,40 |
| Osmolality | 278 | 265-285 mOsm/kg |
| Bacterial screen | PASSED | PASSED |
| Fungal screen | PASSED | PASSED |
| Endotoxin | < 0,153 | < 1,0 EU/mL |
| Color | Amber | AMBER |
| Clarity | PASSED | Clear, no particles |
| Mouse Embryo Assay (1-cell) | 100 | ≥ 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 | 04 May 2017 |
| Released by | Dr. Julia Heinzmann |
| Signature | |

p.p. Julia Heinzmann

REV 04_00 /2016-10-07