

# Certificate of Analysis

**PRODUCT:** Recombinant *Staphylococcal* Protein A (rSPA)  
**PRODUCT CODE:** 10-2001-SM  
10-2001-0M  
10-2001-1M  
10-2001-2M  
**PRODUCT LOT:** PPXXXXX  
**DATE OF MANUFACTURE:** MM/DD/YYYY  
**STORAGE AND SHIPPING CONDITIONS:** ≤ - 20°C

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| TEST / METHOD                             | SPECIFICATION                           | RESULT |
|---|---|--------|
| Appearance (liquid)                       | Clear, pale yellow with no particulates |        |
| Bioburden                                 | ≤ 5 CFU/mL                              |        |
| Endotoxin                                 | ≤ 1.0 EU/mg                             |        |
| Protein Concentration (A <sub>275</sub> ) | 50 mg/ml ± 10%                          |        |
| 10% SDS-PAGE<br>Coomassie Stain           | Single major band,<br>~ 47, 000 Daltons |        |
| Purity, HPLC                              | ≥ 98% at 214nm<br>≥ 95% at 280nm        |        |
| hIgG Binding                              | ≥ 95%                                   |        |
| Conductivity                              | ≤ 0.1 mS/cm                             |        |
| UV Spectrum (400 – 500nm)                 | > 80% Transmittance                     |        |

EXAMPLE  
Quality Assurance

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EXAMPLE  
Date

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**NOT FOR HUMAN USE.  
FOR RESEARCH AND MANUFACTURING USE ONLY.**

Document Number: QA-FM-2003-03