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Certificate of Analysis

Product Name Recombinant Staphylococcal Protein A (r-SPA)
Catalog NO. A04S
Lot NO.
Mfd Date
QC Date

Analysis	Standard	Results	Determination
Description	White/yellowish powder or floccule. No mildew and no deterioration.		
Odor	No peculiar smell		
Protein Net Quantity (by UV)	$\geq 90\text{mg}$		
Solubility	A little precipitation or clear at higher than 10 mg/ml.		
Protein purity (SDS-PAGE)	$\geq 95\%$		
Protein purity (HPLC-SEC)	$\geq 90\%$		
Activity (Immunodiffusion)	$\geq 800\text{ U/mg}$		
Endotoxin	$< 50\text{EU/mg}$		
Aerobic bacterial count	$\leq 1000\text{ cfu/bottle}$		

Conclusion The product meets the class A requirements of company standard Q/HRS001-2018. Protein content is 78.7%

Inspector	Approval	Seal
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