

HANGZHOU SARTORT BIOPHARMA CO., LTD

CERTIFICATE OF ANALYSIS

Product Name: Benzethonium chloride		
Molecular formula: C ₂₇ H ₄₂ ClNO ₂	CAS No.:121-54-0	
Molecular weight: 448.08	Quantity: 800kg	
Batch No.: ST-200516	Manufacturing date: 2020.05.16	
Item	Specification	Results
Appearance	White or off-white powder	Conforms
Identification A	White precipitate is produced, which is insoluble in 2N nitric acid solution and soluble in 6N ammonia.	Conforms
Identification B	The infrared absorption spectrum is consistent with the standard.	Conforms
Identification C	The retention time of the main peak of the liquid phase is consistent with the standard.	Conforms
Assay	97.0%-103.0%	99%
Melting point	158°C-163°C	161.4°C
Loss on drying	≤5%	1.56%
Ph	5.0-6.5	6.1
Residue on ignition	≤0.1%	0.01%
Conclusion	The batch is in compliance with USP36.	

QC: *May Jiu*



QA: *Cathy Shen*