

HANGZHOU SARTORT CHEMICAL CO., LTD**CERTIFICATE OF ANALYSIS**

Product Name: Chlorhexidine Hydrochloride			
Molecular Formula: C ₂₂ H ₃₂ Cl ₄ N ₁₀		CAS No.: 3697-42-5	
Molecular Weight: 578.37		Quantity: 110.6kg	
Batch No.: ST-190324		Manufacturing date: 2019.03.24	
Item		Specification	Results
Appearance		White to almost white, crystalline powder	White crystalline powder
Solubility		Sparingly soluble in water and in propylene glycol, very slightly soluble in ethanol (96 %)	Confirms
Identification	A.(IR Spectrum)	To match with Reference Standard	Confirms
	D.	Gives reaction of chlorides	Confirms
Chloroaniline		≤ 500ppm	Confirms
Total Impurity		≤ 2.5%	1.18%
Loss on drying		≤ 1.0%	0.15%
Sulfated Ash		≤ 0.1%	0.03%
Assay		98.0% - 101.0% (dried substance)	99.2%
Storage		Protected from light	
Conclusion		The batch is in compliance with Enterprise Standard.	

QC: *May Jiu*

 Hangzhou Sartort Chemical Co., LTD
QA: *Cathy Shen*