

**CERTIFICATE OF ANALYSIS**

Product Name	Chlorhexidine Acetate	Specification	Company Standard
Cas No.	56-95-1	Manufacture Date	2024.4.21
Quantity	120KG	Analysis Date	2024.4.27
Batch No.	ES-240421	Expiry Date	2026.4.20
Items	Specifications	Results	
Appearance	White or almost white crystalline powder	Conforms	
Assay	≥99.0%	99.19%	
Melting Point	153-156° C	Conforms	
Odor & Taste	Characteristics	Conforms	
Solubility	Dissolved in ethanol and slightly soluble in water	Conforms	
P-chloroaniline	≤0.05%	Conforms	
Water Solubility	1.9 g/100 mL (20° C)	Conforms	
Total Heavy Metals	≤10.0ppm	Conforms	
Pb	≤1.0 ppm	Conforms	
As	≤1.0 ppm	Conforms	
Cd	≤1.0 ppm	Conforms	
Hg	≤0.1 ppm	Conforms	
Total Plate Count	≤1000cfu/g	Conforms	
Yeast & Mold	≤100cfu/g	Conforms	
E.coli	Negative	Negative	
Salmonella	Negative	Negative	
Staphylococcus	Negative	Negative	
Conclusion	This sample meets the specifications.		

Conclusion: Approved

