

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Chlorhexidine dihydrochloride,98%

ITEM NUMBER: C113898
BRAND: Aladdin
CAS NUMBER: 3697-42-5
MDL NUMBER: MFCD00068998
FORMULA: C₂₂H₃₀Cl₂N₁₀ · 2HCl
MOLECULAR WEIGHT: 578.37

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White powder		
Infrared spectrum	Conforms to Structure		
Loss on drying	0 %	1 %	1 %
Proton NMR spectrum	Conforms to Structure		
Purity(HPLC)	98 %	100 %	100 %
Purity(Titration with HClO ₄)	98 %	100 %	100 %
Solubility in EtOH	Solubility,Clear,2 mg plus 11 mL EtOH		