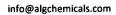


## **SPECIFICATION SHEET**

## **CHLORHEXIDINE GLUCONATE 20% SOLUTION USP**

CAS No.	MOLECULAR WEIGHT	MOLECULAR FORMULA	MANUFACTURER
18472-51-0	898 g/mol	$C_{22}H_{30}Cl_2N_{10}.2C_6H_{12}O_7$	ALG CHEMICALS

Sr.No.	Tests	Specification	
1.	Description	Almost colourless or pale yellowish liquid.	
2.	Identification	Tests A & B shall be positive.	
3.	Assay	Not less than 19.0% w/v and not more than 21.0% w/v of	
		C22 H30 CI2 N10. 2C6H12O7	
4.	Impurities 1.Organic Impurities	Total impurities Not More Than 3.0%	
	Chlorhexidine oxazinone analog	Not More Than 0.2%	
	Specified unidentified impurity I	Not More Than 0.2%	
	Chlorhexidine amine	Not More Than 0.3%	
	Chlorhexidine guanidine	Not More Than 1.0%	
	Chlorhexidine urea	Not More Than 0.2%	
	p-clorophenyl urea	Not More Than 0.2%	
	Chlorhexidine nitrile	Not More Than 0.4%	
	Chlorhexidine dimer	Not More Than 0.5%	
	o- Chlorhexidine and specified unidentified impurity 2	Not More Than 0.4a%	
	Chlorhexidine glucityl triazine	Not More Than 0.4%	
	OxoChlorhexidine	Not More Than 0.4%	
	Unspecified Impurities	Not More Than 0.10%	
	a.If present,o-chlorhexidine and specified unidentified impurity 2 may not be		
	completely resolved by the method. these peaks are integrated together to determine		
	conformance.		
39	2. Limit of Chloroaniline	Not more than 500 ppm	
5.	Specific Gravity	1.06 to 1.07.	
6.	pH	5.5 to 7.0, when diluted 1 in 20 ml water	







PACKAGING:	25kg,50 Kg, 220 kg HDPE	
	Drums 1000 kg IBC Containers	
	Other sizes available upon request.	
SHELF LIFE	3 years from date of manufacture	
STORAGE CONDITIONS	Store at room temperature in well closed container protected from light.	
TRANSPORT REGULATIONS:	Classified as hazardous substance according to transport regulations (class 9, UN 3082)	
OTHER:	Application: Used in oral rinses for treating sore gums and ulcers. Also used in antiseptic skin care products.	





