SHANGHAI SHENGXIN MEDICINE CHEMICAL CO., LTD.

ADDRESS: DONGJING TOWN SONGJIANG BOROUGH SHANGHAI, CHINA.

QUALITY CONTROL DEPARTMENT CERTIFICATE OF ANALYSIS

		· - TT	drachlaride FP7		(Page 1of 1)	
Name of Product : Bromhexine Hy			Grade		EP	
AS No. 611-75-0		611-73-0	Batch Quantity		0.050 Kg.	
Batch No. 2141300011		Expiry Date	07	-02-2018		
Vifg. Date 07-03-2013		Date of Release		2-03-2013		
nspection Lot No. 040000111186		Observation		Specification		
Sr. No.	Appearance				nite or almost white, crystalline powder.	
1.			powder.	Very slightly soluble in water, slightly soluble in alcohol and in methylene chloride.		
			Complies			
ે.	Solubility					
3.	Identification A) By IR Spectrophotometer		Complies			
	B) By TLC C) By chemical test D) By reaction of primary Aromatic amines		0 11			
			Complies			
			Complies			
			Compriss			
			Complies			
	E) By reaction (a) of chloride		Complies			
•						
	Appearance of Solution		Complies			
4.						
5.	Related Substances					
1.	(By HPLC)		0.11 % Not more than 0.2 %		than 0.2 %	
_))	Any one Impurity		Below disregard limit	Not more than 0.1 %		
ł	Any other Impurity		0.11 %	Not more than 0.3 %		
	Total Impurities		0.37 % w/w	Not more than 1.0 % w/w		
6.	Loss on drying		0.07 % w/w	Not more than 0.1 % w/w		
7.	Sulfated ash		U.U1 76 441.	Not less than 98.5 % w/w and not more than 101.5 % w/w		
8.	Assay by potentiometer (On dried basis)		99.8 % w/w			
	ADDITIONAL TEST		The state of the s			
9.	Residual Solvent (By GC-HS		3)	S. J. etc. 2000 mm		
	Residual Solvent (by Gerne		250 ppm		NMT 3000 ppm	
	Ethyl Acetate		31 ppm	NMT 5000 ppm		
					A STATE OF THE STA	
į	-		/ Does-not-comply-with th	e prescribed sta	andards of analyty William	
Rem	ark: The abov	e sample Complica	EP7 Specification No.FP/	PS/BRH/001	I (Rey MOI)	
	respect to	above tests as per	Dr / Specification		1 /5/ 615/de -013	
	Siul.		0/22-02-2013		*	
	22.03.2013				Approved By	
Prepared By		Checked By		He.W. Q. A. 1 34 (1987)		
1	X		Head Q.C.		20129726 - 60203	