



武汉福鑫化工有限公司

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CERTIFICATE OF ANALYSIS

Name of Product: Bromhexine hydrochloride

Lot No: 20190319

Mfg.Date: Mar, 31, 2019

Quantity: 400kg

Test.Date: Mar, 31, 2019

Expiry Date: Mar, 30, 2022

Test Item	Standard	Results
Appearance	White or almost white crystalline powder	Almost white crystalline powder
Identification	A. by IR spectrophotometer B. by Thin-Layer chromatography C. by chemical test D. by reaction of primary Aromatic amines E. by reaction(a) of chloride	Conform Conform Conform Conform Conform
Solubility	Very slightly soluble in water, slightly soluble in alcohol and in methylene chloride.	Conform
Appearance of solution	Not more intensely colored than reference solution Y6.	Conform
Related substances	1) Total impurity $\leq 0.3\%$ 2) Any impurity 1 $\leq 0.2\%$ 3) Any impurity 2 $\leq 0.1\%$	0.22% 0.13% Conform
Loss on drying	$\leq 1.0\%$	0.34%
Sulphated ash	$\leq 0.1\%$	0.07%
Assay(based on dried substances)	98.5%-101.5%(C ₁₄ H ₂₁ Br ₂ ClN ₂)	99.2%
Conclusion	The goods conforms the standard of BP2015.	

Chief of Q.C Dept:

Recheck:

Analyst: