



武汉福鑫化工有限公司

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CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
Propranolol hydrochloride	318-98-9	20240620
Mfg. Date	Exp. Date	Package
Jun., 20, 2024	Jun., 19, 2026	25kg/ Box/Bag/Drum

Items	Specifications	Results
Appearance	White or almost white powder	Complies
Solubility	soluble in water and in ethanol(96 percent), Practically insoluble in heptane	Complies
Identification	IR. Test	Complies
	Chlorides test	Positive Reaction
Apparance of solution	Clear and not more intensely coloured than intensity 6 of the range of reference solutions	Complies
Acidity or alkalinity	Positive reaction	Complies
Loss on drying	$\leq 0.5\%$	0.04%
Related substances	Unspecified impurity $\leq 0.10\%$	ND
	Total impurities $\leq 0.2\%$	ND
Sulfated ash	$\leq 0.1\%$	0.02%
Assay	99.0%~101.0% (dried substance)	99.7%
Conclusion	Qualified	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03