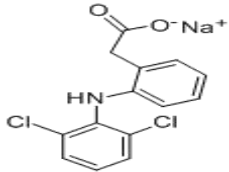


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CERTIFICATE OF ANALYSIS

Product Name:	Diclofenac sodium	CAS NO:	15307-79-6
Molecular Formula:	C ₁₄ H ₁₀ Cl ₂ NNaO ₂	Constitutional Formula :	
Molecular Weight:	318.13		
Manufacture date:	2018.11.04		
Batch No.:	2021.11.03		
Standard	BP2017		
Test Items	Specification	Test Results	
Appearance	White or slightly yellowish, slightly hygroscopic, crystalline powder	White	
Solubility	Freely soluble in methanol, soluble in ethanol, lightly soluble in water, practically insoluble in Chlorophorm and in ether	Conform	
Identification	A. IR Conform	Conform	
	D. Tests of sodium	Conform	
Appearance of solution	The solution is clear and its absorbance at 440nm is not greater than 0.05	Clear 0.015	
Related substances (HPLC)	Impurity A: NMT 0.2%	Not detected	
	Impurity F: NMT 0.15%	NMT 0.05%	
	Any individual impurity NMT0.1%	0.06%	
	Total impurities NMT 0.4%	0.10%	
Residual Solvents	Methanol is not more than 0.3%	Not detected	
	Toluene is not more than 0.089%	Not detected	
Assay	99.0~101.0% (dried substance)	99.5%	
Conclusion	It accords with BP2017 Be up to the standard		

Analyst: 连俊昊

质检部

Supervisor: 李文