



HANGZHOU DINGYAN CHEM CO.,LTD

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NO: DYC041709011

质量报告单
CERTIFICATE OF ANALYSIS

产品名称 Product name	阿替洛尔 Atenolol		
CAS号 CAS No.	29122-68-7	包装规格 Outer Packing	25KG/DRUM
生产日期 Production date	MAY 2017	有效期 Shelf life	APRIL 2022
执行标准 Standard adopted	BP 2017		
分析项目 Items of analyses	质量标准 Specification	实测结果 Results	
Description	white or almost white powder	white fine powder	
solubility	sparingly soluble in water,soluble in ethanol,slightly soluble in methylene chloride.	complies	
identification			
A.melting range	152-155°C	152-155°C	
B.by UV	absorbance ration 1.15-1.20 at 275 to 282 nm	complies	
C.by TLC	the principal spot in the chromatogram obtained with the test solution corresponds to that in the chromatogram obtained with the reference standard	complies	
optical rotation	+0.10 to -0.10	+0.00 degrees	
related substances by HPLC			
Impurity B	NMT 0.20%	0.13%	
unspecified impurities	NMT 0.10%	0.08%	
impurity F	NMT 0.15%	0.06%	
impurity G	NMT 0.15%	NIL	
impurity I	NMT 0.15%	0.05%	
total impurities	NMT 0.50%	0.32%	
chloride	NMT 0.10%	complies	
loss on drying	NMT 0.50%	0.25%	
sulphated ash	NMT 0.10%	0.07%	
assay	99.0%-101% on dried basis	99.17%	
结论 Conclusion	合格 Qualified		

Hangzhou Dingyan Chem Co., Ltd.
QUALITY CONTROL: Cristina
Quality Control

CHECK: 姚仙娟

INSPECTOR: 刘清风

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