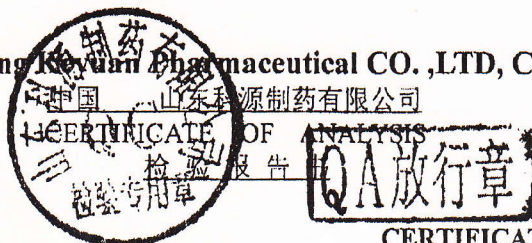


Lot: 071013

Shandong Keyuan Pharmaceutical CO., LTD, China



CERTIFICATE NO.: 10-130332

PRODUCT NAME: XANTHINOL NICOTINATE

产品名称: 烟酸山替诺

BATCH NO.:

ANALYSIS DATE:

MFG. DATE:

批号: P071-1305001

分析日期: MAY 18, 2013

生产日期: MAY 03, 2013

QUANTITY:

TEST BASIS: CP2010

RETEST. DATE:

数量: 3kg

检验依据: 《中国药典》2010 年版

复验日期: MAY 02, 2018

Results: 分析结果

ITEMS	STANDARD	RESULTS
Characteristics	White crystals or crystalline powder, no smell, soluble in water or glacial acetic acid, slightly soluble in chloroform or anhydrous ethanol.	White crystalline powder, no smell, soluble in water or glacial acetic acid, slightly soluble in chloroform or anhydrous ethanol.
Melting Point	180-184°C	181.5-183°C
Identification	1) Positive reaction	1) Positive reaction
	2) Positive reaction	2) Positive reaction
	3) HPLC	Meets the requirements
	4) IR	Meets the requirements
Acidity (PH)	5.5-6.5	6.09
Loss on drying	≤0.5%	0.27%
Residue on ignition	≤0.1%	0.01%
Clarity and Color of solution	Meets the requirements 符合规定	Meets the requirements 符合规定
Heavy metal	≤10ppm	<10ppm
Related substances	Theophylline ≤0.3%	0.02%
	Total other impurity ≤0.3%	Non-detected
Residual Solvents	Ethanol NMT 5000ppm	300ppm
Assay	Calculating according to dry substance $C_{19}H_{26}N_6O_6$ should be not less than 98.0%. 按照干燥品计算 $C_{19}H_{26}N_6O_6$ 不得少于 98.0%	99.5%
Conclusion	The test results conform with CP2010.	

ANALYST
检验者

薛波

CORRECTOR

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Q.C.DIRECTOR

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