



绍兴民生医药有限公司

Minsheng Group Shaoxing Pharmaceutical Co., Ltd.

Add: 315 Tanggong Road, Peojiang Industrial Zone, Shaoxing, China

Http://www.msspharm.com E-mail: mssxyy@mspharm.com Tel: +86 575 88923888 Fax: +86 575 88912876

CERTIFICATE OF ANALYSIS

No.: QC922WRM217

Date: Nov. 15, 2012

Quantities and Descriptions ATROPINE SULFATE EP7.0 Standard

Results
APS1210003
3KG
Conforms

Batch no.:		
Quantity:		
Appearance:	White crystalline powder	
Identification:		
A: Optical rotation	Meets the requirement	Conforms
B: Infrared absorption	Conforms with the spectrum of RS	Conforms
C: Chemical reaction	Meets the requirement	Conforms
D: Chemical reaction	Should be positive	Positive
E: The reaction of sulfates	Should be positive	Positive
F: The reaction of alkaloids	Should be positive	Positive
PH(Acidity):	4.5 - 6.2	5.3
Optical rotation:	-0.50° - +0.05°	-0.001°
Infrared absorption:	Conforms with spectrum of RS	Conforms with RS
Chemical reaction:	Meets the requirements	Conforms
Chemical reaction:	Should be positive	Positive
The reaction of sulphates:	Should be positive	Positive
The reaction of alkaloids:	Should be positive	Positive
Water:	2.0% - 4.0%	3.2%
Solubility:	Very soluble in water, Freely soluble in ethanol(96%)	Conforms
Sulphated ash:	Not more than 0.1%	0.06%
Related compounds:	Meets the requirements	Conforms
	Impurities A 0.2% Max.	0.15%
	Impurities B 0.2% Max.	No detection
	Impurities C 0.2% Max.	No detection
	Impurities D 0.2% Max.	No detection
	Impurities E 0.3% Max.	No detection
	Impurities F 0.2% Max.	No detection
	Impurities G 0.2% Max.	No detection
	Impurities H 0.3% Max.	No detection
	Unspecified Impurities 0.10% Max.	No detection
	Total Impurities 0.5% Max.	0.15%
Acetone (Residual solvent impurities)	Not more than 0.25%	0.001%
Assay(anhydrous substance):	99.0 - 101.0%	99.4%
Mfg/Expiry date:	绍兴民生医药有限公司	Oct.27, 2012/Oct.26, 2014

FAGRON IBÉRICA, S.A.U.
Corresponde al lote de Fagron:
12L17-801
S.9.13 Director Técnico S.

MINSHENG GROUP
SHAOXING PHARMACEUTICAL CO., LTD

This is to certify that we, the undersigned, have inspected/tested the quality of the

above mentioned goods and found the results as follows:

Corresponding to the requirement of EP7.0

Manufacturer: Minsheng Group Shaoxing Pharmaceutical Co., Ltd.