



Minsheng Group Shaoxing Pharmaceutical Co., Ltd.

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

Http://www.mssxpharm.com Email:mssxyy@mspharm.com Tel:+86 575 88923888 Fax:+86 575 88912876

CERTIFICATE OF ANALYSIS

No.: OC922WRM095

Date: MAY 09, 2012

Quantities and Descriptions ATROPINE SULFATE EP7.0 Standard

Results

APS1203006

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

5.5

Optical rotation:

-0.50° - +0.05°

-0.002°

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%

2.7%

Solubility: Very soluble in water, Freely soluble in ethanol(96%)

Conforms

Sulphated ash:

Not more than 0.1%

0.07%

Related compounds:

Meets the requirements

Conforms

Impurities A 0.2% Max.

0.08%

Impurities B 0.2% Max.

No detection

Impurities C 0.2% Max.

No detection

Impurities D 0.2% Max.

No detection

Impurities E 0.2% Max.

No detection

Impurities F 0.2% Max.

No detection

Impurities G 0.2% Max.

No detection

Impurities H 0.2% Max.

No detection

Unspecified Impurities 0.10% Max.

No detection

Total Impurities 0.5% Max.

0.08%

Acetone (Residual solvent impurities)

Not more than 0.25%

0.001%

Assay:

99.0 - 101.0%

99.4%

Mfg/Expiry date:

绍兴民生医药有限公司 Mar.22, 2012/Mar.21, 2014

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.