



Certificate of analysis

Product name: Azatadine maleate

Cas number: 3978-86-7

Molecular Formula: C₂₀H₂₂N₂·2(C₄H₄O₄)

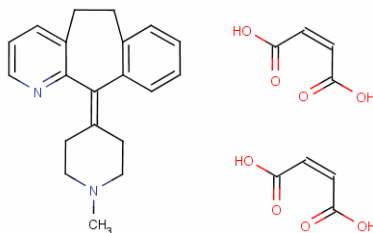
Molecular Weight: 522.55

Date of production:Mar. 24, 2016

Expiry Date: Mar. 23, 2018

Batch NO:20160324

Chemical structure:



Items	Specifications	Results
Description	White to light cream-colored,odorless powder	Conform
Identification	IR UV	Conform
Solubility	Freely soluble in water, in alcohol,in chloroform,and methanol;practically insoluble in benzene and in ether.	Conform
Melting point	Melts at about 153°C	151.3~152.8°C
Loss on drying	Not more than 1.0%	0.01%
Residue on ignition	Not more than 0.1%	0.02%
Chomatographic purity	The chromatographic purity is not less than 98.0%	99.9%
Residual solvents	Ethanol:Not more than 5000ppm Chloroform:Not more than 60ppm	314ppm Not detected
Assay	98.0%~102.0%(calculated on the dried basia)	99.9%

Conclusion: It complies with the USP30 Standard.

Analyst:Zhao

Checker:Liu

Q.C Director. Fang F