

杭州东瑞医药科技有限公司
HANGZHOU DAWN RAY PHARMACEUTICAL CO.,LTD.

CERTIFICATE OF ANALYSIS

Sulfadiazine silver

Batch No.: DR20140310	Quantity: 182kg
Manufacture Date: 2014.03.10	Expiry Date: 2017.03.10

TESTS:

Items	Specification	Results
Appearance	White to off-white crystalline powder	Conforms
Identification	A:Infrared absorption	Conforms
	B.The R _f value of the principal spot in the thin-layer chromatogram of the test solution as obtained in the test for chromatogram purity corresponds to that obtained from standard solution A	Conforms
	C:Dissolve about 1g in 15ml of ammonium hydroxide and 15ml of water in a 50ml volumetric flask, dilute with water to volume, and mix: the solution so obtained responds to the tests for silver	Conforms
Loss on drying	≤0.5%	0.28%
Limit of nitrate	≤0.1%	0.05%
Chromatogram purity	No secondary spot in the chromatogram of the test solution is greater or more intense than the principal spot obtained from standard solution B(1.0%)	Conforms
	The sum of all secondary spots observed is not greater than 2.0%	Conforms
Silver content	29.3~30.5%	29.51%
Assay	98.0~102.0%	99.70%
Particle size	The average particle size is not greater than 10μm and the size of not more than 10% of the particles is greater than 40μm.	Conforms
Conclusion: The results conform with USP34		

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