

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

CERTIFICATE OF ANALYSIS

Medetomidine hydrochloride

Batch No.: DR20150601	Quantity : 32kg
Manufacture Date: 2015.06.01	Expiry Date: 2017.05

TESTS:

Items	Specification	Results
Appearance	Off-white to white powder	White powder
Identification	Chemical identification	Conforms
	Infrared spectrometry	Conforms
	Chloride identification	Conforms
PH	3.5-4.5	4.28
Clarity and Color of Solution	Clear and colorless, if there is the turbidity and color, less than turbidity-1 and yellow-	Less than turbidity-1; colorless
Related substances	Max single impurity $\leq 0.1\%$ Total impurities $\leq 1.0\%$	$< 0.1\%$ 0.18%
Loss on drying	$\leq 1.0\%$	0.20%
Residue on ignition	$\leq 0.1\%$	0.06%
Heavy metals	$\leq 10\text{ppm}$	Conforms
Assay (on dried basis)	$\geq 99.0\%$	99.78%

Conclusion: The results conform with the Enterprise standard.

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