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Certificate of Analysis

Product Name: Medetomidine Hydrochloride

CAS NO: 86347-15-1

Batch No: 20120920

Mfg. Date: 2012/09/20

Report Date: 2012/09/22

Exp. Date: 2014/09/19

TEST	SPECIFICATIONS	RESULTS
Appearance	White or off-white crystalline powder	White crystalline powder
Solubility	Conforms	Conforms
Identification		
(1)	Positive	Positive
(2)	Conforms	Conforms
(3)	Positive	Positive
Specific rotation	+51°~+54°	+53.8°
pH	3.5-4.5	4.3
Clarity and Color of Solution	Conforms	Conforms
Related Substance	≤1.0%	0.20%
The max unknown substance	≤0.1%	<0.1%
Levmedetomidine HCL	≤1.0%	0.03%
Loss on drying	≤1.0%	0.19%
Residue on Ignition	≤0.1%	0.07%
Heavy Metal	≤10ppm	Conforms
Assay	≥98.5%(anhydrous, containing Medetomidine Hydrochloride)	99.60%
Conclusion	The results can conform with the enterprise standard	