

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

CERTIFICATE OF ANALYSIS

Sinomenine Hydrochloride

Batch No.: DR20150605	Piece: 400kg
Genus and Species: Sinomenium acutum	Part of the Plant: Stem
Method of process: Extract	Solvents used: Water&Ethanol
Drying method: Vacuum drying	Excipient: None
Manufacture Date: 2015.06.05	Expiry Date: 2017.06.04

TESTS:

Items	Specification	Results
Description	White crystalline powder	Conforms
Solubility	Soluble in water and ethanol	Conforms
Particle size(80mesh)	>95%	Conforms
Moisture	<5.0%	2.54%
Ash content	<0.5%	0.16%
Solvent residue	≤10ppm	Conforms
Heavy metals	<10ppm	Conforms
Pb	<2ppm	Conforms
As	<2ppm	Conforms
Hg	<0.5ppm	Conforms
Cd	<0.5ppm	Conforms
Pesticide residue	666:<0.2ppm DDT:<0.2ppm	Conforms
Microbiology	Total plate count:<500cfu/g Total Yeast and Mold:<100cfu/g E.Coli:Negative Salmonella:Negative	Conforms
Assay(by HPLC)	>98%	98.5%

Conclusion: The results conform with Enterprise standard.

Analyst: Joe Yu **Checker:** Agnes Zhong **QA.Manager:** Sun Wenhui 检验专用章

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