



# JIANGSU TIANSHENG PHARMACEUTICAL CO.,LTD.

## CERTIFICATION OF ANALYSIS

Product Name	<b>Matrine</b> 苦参碱		
Batch No.	G20160201	Production Date	Feb. 11, 2016
Method of test	Company standard	Report Date	Feb. 15, 2016

ITEM	SPECIFICATION	RESULT
<b>CHARACTERS</b>		
Appearance	White crystalline powder	Complies
<b>TEST</b>		
Loss on drying	NMT1.0%	0.9%
Residue on ignition	NMT0.1%	0.02%
Sum or other impurities	NMT2.0%	0.5%
Specific optical rotation	From +31.0 to +36.0	33.6
PH	9.5~10.5	10.0
<b>ASSAY</b>		
C <sub>15</sub> H <sub>24</sub> N <sub>2</sub> O	≥98%	100%
<b>Microorganism</b>		
Total plate count	NMT1000CFU/g	Complies
Mold and yeast	NMT100CFU/g	Complies
E.coli.	Non-Detective	Non-Detective
Conclusion	Complies company standard	
Storage: In an shady and airtight container		
QA director: Jianwei Kan	Checker: Fanbo Kong	Analyst: Juan Xu