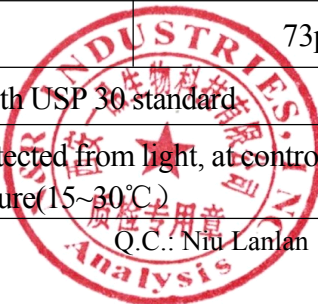




## CERTIFICATE OF ANALYSIS

<b>Commodity</b>	Clopidogrel Bisulfate Form 1		
<b>Quantity</b>	50kgs	<b>Batch No</b>	20120502
<b>Production Date</b>	May 03, 2012	<b>Expiry Date</b>	Jun 02, 2014
<b>Analysis Standard</b>	USP30 Standard		

Item	Standard	Results
Appearance	White or off-crystalline powder	Off-crystalline powder
Identification	A.IR -Corresponding reference spectrum	Corresponding reference spectrum
	B.HPLC-Retention time of the sample conforms to that of the reference standard	Retention time of the sample conforms to that of the reference standard
	C.Test for sulfate-Positive	Positive
Loss on drying	$\leq 0.5\%$	0.17%
Residue on ignition	$\leq 0.1\%$	0.08%
Related compounds	Compound A $\leq 0.2\%$	0.08%
	First enantiomer compound B $\leq 0.3\%$	$\leq QL(0.05\%)$
	compound C $\leq 1.0\%$	0.23%
	Unidentified impurity $\leq 0.1\%$	RRT0.37 0.07%
	Total impurities $\leq 1.5\%$	0.38%
Assay	97.0~101.5%	99.9%
Residual solvents	Ethyl acetate $\leq 5000\text{ppm}$	218ppm
	Acetone $\leq 5000\text{ppm}$	73ppm
Conclusion:	Conforms with USP 30 standard.	
Storage conditions	Store in a tight container, protected from light, at controlled room temperature(15~30°C)	



Q.C.: Niu Lanlan