

HANGZHOU THINK CHEMICAL CO., LTD.

ADD: ROOM 719 BUILDING D, MEIDU PLAZA, 789 MOGANSHAN ROAD, HANGZHOU, 310011 CHINA

CERTIFICATE OF ANALYSIS

Product name	Endo-3-amine-9-methyl-9-azabicyclo[3,3,1]nonane 2HCl, Cas No:135906-03-5		
Mfg Date	Mar.20th 2013	Expiry Date	Mar.19th 2015
Batch No	20130320	Quantity	20 Kgs
Testing Item	Standard	Testing Result	
Appearance	White or off-white crystall	conform	
Identification	IR & TLC	conform	
Loss on drying	≤0.5%	0.2%	
Water	≤2.0%	0.4%	
Related substance (TLC)	Oxime impurities spot≤2.5% Other single impurity spot1.0% Other impurity spot except oximes≤2	Not detected	
Methanol	≤300ppm	0.06%	
Dichloromethane	≤60ppm	Not detected	
Tetrahydrofuran	≤72ppm	Not detected	
Assay	30.0~32.0% Chloride content calculated on the anhydrous basis	31.3%	
Conclusion: It conforms with the standard of Enterprise.			

Prepared by: 王瑾園 Reviewed by: 王萍 Approved by: 夏沛國