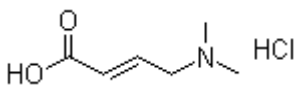




## 分 析 报 告

# CERTIFICATE OF ANALYSIS

Product Name	trans-4-Dimethylaminocrotonic acid hydrochloride		
CAS No	848133-35-7	MFG.DATE	Nov.29,2017
Batch number	SYBC20171129	TEST DATE	Nov.29,2017
Quantity	66kg	Expiry Date	Nov.28,2019
Molecular Structure:			
Molecular Formula:	C <sub>6</sub> H <sub>12</sub> ClNO <sub>2</sub>		
Molecular Weight:	165.6		
Quantity Standard:	Enterprise Standard		

### RESULT OF INSPECTION

Test Items	Standard	Test Results	
Appearance	White or Off white powder	Complies	
Identification (HNMR)	1:1:1-NMR and LC-MS	Complies	
	2:HPLC	The retention time of the major peak corresponds to that of the reference substance	Complies
	3: IR	Conform to the spectrum obtained with the reference standard.	Complies
Purity (HPLC)	≥98.0%	99.14%	
Water	≤1.0%	0.35%	
Loss on drying	≤1.0%	0.63%	
Relative Substance	Any single impurity: ≤1.00%	0.25%	
	Total Impurities: ≤2.00%	0.86%	

**CONCLUSION : THE PRODUCT COMPLIES WITH PRESCRIBED OF IN-HOUSE STANDARD**

QC: Amy wang

Checker: Susan Xu

Approved: Li hong

Note: Products protected by valid patents are not offered for sale in countries where the sale of such products constitutes a patent infringement and its liability is at buyer's risk. This item is only for R&D purpose not for commercial business in kilos. Buyers should overview the patent issue in their countries.