



Hebei Huanhao Biotechnology Ltd.,co

Address: No.1103,FuBang Building,Intersection of Zhonghua Avenue
and Yuhua Road, Shijiazhuang city,Hebei Province, China.

CERTIFICATE OF ANALYSIS

Batch No:ZL-170316

Date:2018-9-4

Product name	4,4-Piperidinediol hydrochloride	
CAS NO.	40064-34-4	
Production date	2018.8.1	
ANALYSIS RESULT		
ITEM	STANDARD	RESULT
Appearance	Almost white to yellow powder	Conform
Molecular Weight	153.607	Conform
Purity	≥98%	99.1%
Boiling Point	175.1°C at 760 mmHg	Conform
Melting Point	90-98°C	96-98°C
water	10.5-13.0%	12.75%
Molecular Formula	C ₅ H ₁₂ ClNO ₂	Conform
Flash Point	84.6°C	Conform
Comment	 	

Inspector :



Reinspector:

