

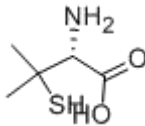


杭州泽尔瑞化学有限公司

HANGZHOU ZEERRUI CHEMICAL CO., LTD

Certificate of analysis

COA No:ZER11911201

Product Name	L-Penicillamine
CAS No	1113-41-3
Molecular Formula	
Molecular Weight	C5H11NO2S
Manufacturing date	20190302
Batch No	ZERLP20190302

Index Name	Specification	Result
Appearance	Off white to white powder	Conforms
Purity(TLC)	99% min.	99.7%
Loss on drying	1.0%max	0.5%
Optical purity (Derivatization HPLC method)	99.5% min.	99.7%
Specific rotation(c=1,1M NaOH)[20/D]	+63° ±2.0°	+63。2°
Conclusion	Conforms to the standard of enterprise	

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CHECK:

叶明立

INSPECTION:

