



杭州泽尔瑞化学有限公司

HANGZHOU ZEERRUI CHEMICAL CO., LTD

Certificate of Analysis

COA No:ZER12007241

<b>Product Name</b>	L-HISTIDINE
<b>CAS No</b>	71-00-1
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight</b>	155.15500
<b>Batch No</b>	SC38-20190901
<b>Manufacturing date</b>	2019-09-01

<b>Index Name</b>	<b>Specification</b>	<b>Result</b>
Appearance	White crystals or crystalline powder	Conforms
Identification	Meets the requirements	Conforms
Specific rotation[α] <sub>D25</sub>	+12.6°~+14.0°	+13.2°
pH	7.0~8.5	7.7
Loss on drying	≤0.2%	0.06%
Residue on ignition	≤0.4%	0.04%
Chloride(Cl)	≤0.05%	<0.05%
Sulfate (SO <sub>4</sub> )	≤0.03%	<0.003%
Iron(Fe)	≤0.0015%	<0.0015%
Chromatographic purity	Not more than 0.5% of any individual impurity is found; Not more than 2.0% of total impurities is found.	Conforms
Assay	98.5%~101.5%	99.4%
<b>CONCLUSION :</b> This product after inspection, the above projects are in line with the USP-32 standard.		

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CHIEF:

CHECK:



INSPECTION:

