

# SUNNY CHEMGROUP CO., LIMITED

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## CERTIFICATE OF ANALYSIS

INVOICE NO.:TTSFC612/24

PO No.:6773

产品名称 Product Name: L-组氨酸盐酸盐 L-Histidine Hydrochloride Monohydrate	
化学登录号 CAS No.: 5934-29-2	质量标准 Quality Standard: AJI92
批号 Batch No.: 24011101	数量 Quantity: 200KGS
生产日期 Manufacture Date: JAN. 11,2024	RE-TEST: Jan,10,2026

项目 Items	标准 Specifications	结果 Results	Test Method
外观 Appearance	White crystals or crystalline powder.	Conforms	Visual
比旋度 Specific rotation $[\alpha]_D^{20}$	+8.9°~ +9.5°	+9.3°	AJI TEST 1
透光度 State of solution	≥98.0%	98.5%	AJI TEST 2
氯化物 Chloride(Cl)	16.66~17.08%	16.85%	AJI TEST 3
铵盐 Ammonium (NH <sub>4</sub> )	≤0.02%	<0.02%	AJI TEST 4
硫酸盐 Sulfate(SO <sub>4</sub> )	≤0.020%	<0.020%	AJI TEST 5
铁盐 Iron(Fe)	≤10ppm	<10ppm	AJI TEST 6
重金属 Heavy metals(Pb)	≤10ppm	<10ppm	AJI TEST 7
砷盐 Arsenic(As <sub>2</sub> O <sub>3</sub> )	≤1ppm	<1ppm	AJI TEST 8
其他氨基酸 Other amino acids	≤0.2%	<0.2%	AJI TEST 9
干燥失重 Loss on drying	≤0.20%	0.14%	AJI TEST 11
灼烧残渣 Residue on ignition	≤0.10%	0.05%	AJI TEST 13
含量 Assay	99.0~101.0%	99.7%	AJI TEST 14
pH 值	3.5~4.5	3.7	AJI TEST 33
结论: 本批产品经检验符合日本味之素AJI92标准。 Conclusion: This Batch Is Conforming With The Standard Of AJI92.			

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