

Shine Star (Hubei) Biological Engineering Co., Ltd.

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CERTIFICATE OF ANALYSIS

Product Name:	L-Histidine Hydrochloride Monohydrate		
CAS No.:	5934-29-2		
Quantity:	1000kgs	Manufacture Date:	Nov 29, 2018
Batch No.:	54184015	Analysis Date:	Dec 09, 2018
Quality Standard:	EP6	Expiry Date:	Nov 28, 2020
Test Items	Limit		Result
Identification	Conforms (As per EP6)		Conforms
Appearance	A white or almost white crystalline powder or colorless crystals		Conforms
Appearance of solution	Clear and not more intensely colored than reference solution BY ₆		Conforms
Solubility :	Freely soluble in water ; Slightly Soluble in alcohol		Conforms
Specific optical rotation	+9.2° to +10.6°		+9.5°
Ninhydrin-positive substances	Conforms (As per EP6)		Conforms
Sulfates	≤300ppm		<300ppm
Ammonium	≤200ppm		<200ppm
Iron	≤10ppm		<10ppm
Heavy metals	≤10ppm		<10ppm
Loss on drying	7% to 10%		9.1%
Sulphated ash	≤0.1%		<0.1%
Assay	98.5% to 101.0%		99.7%
pH	3.0 to 5.0		3.8
Conclusion: The products conform to EP6 standard.			
Reported by: 陈燕		Verified by: 郭刚	
Storage: Preserve in well-closed containers and protected from light			