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SPECIFICATION SHEET

Product: ***L-Histidine Hydrochloride***

Content	***Specification***	***Methods***
Appearance:	*White crystalline powder*	*Visual*
Assay:	*>99%*	*AJI92 test 14*
Loss on Drying:	*<0.2%*	*AJI92 test 11*
pH:	*3.5 – 4.5*	*AJI92 test 33*
Residue on Ignition:	*<0.4%*	*AJI92 test 13*
Ammonia:	*0.02% max.*	*AJI92 test 4*
Chloride:	*<0.05%*	*AJI92 test 3*
Sulfate:	*<20ppm*	*AJI92 test 5*
Heavy Metals:	*<10ppm*	*AJI92 test 7*
Arsenic:	*<1ppm*	*AJI92 test 8*
Iron:	*<10ppm*	*AJI92 test 6*
Other Amino Acids	*Meets AJI92 requirement*	*AJI92 test 9*
Specific Rotation	*+ ° ~ + °*	*AJI92 test 1*
Microbiological Control		
Total Plate Count:	*<1000cfu/g*	*CP2005*
Mold & Yeast:	*<100cfu/g*	*CP2005*
E. Coli:	*Negative*	*CP2005*
Salmonella:	*Negative*	*CP2005*
Staphylococcus Aureus:	*Negative*	*CP2005*
Standard:	*Meets AJI92 standard*	

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by:

Abdullah Malik (QA)