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SPECIFICATION SHEET

Product Name	L-Ornithine HCl
TESTS	**SPECIFICATION**
ASSAY	
L-Ornithine	≥99%
PHYSICAL CONTROL	
Appearance	White powder
Solubility	Clear (1g in 20ml H_2O)
pH (10% H_2O)	3.3 to 3.8
Specific Rotation [a]D^{20}	+14.0°±1.0 (8g/100ml, 6NHC1)
Loss on Drying	<1%
Residue in Ignition	<0.1%
Mesh Size	30 mesh
Bulk Density	>0.3g/ml
Tape Density	>0.45g/ml
Chloride (Cl)	<500ppm
Iron (Fe^{3+})	≤10ppm
CHEMICAL CONTROL	
Heavy Metals	≤10ppm
Lead (Pb)	≤3ppm
Arsenic (As)	≤0.5ppm
Cadmium (Cd)	≤1ppm
Mercury (Hg)	≤0.1ppm
MICROBIOLOGICAL CONTROL	**Non-Irradiation**
Total plate Count	≤1000cfu/g
Total Yeast & Mold	≤100cfu/g
Salmonella	Negative
E.Coli	Negative
STORAGE	
Keep container unopened in cool, dry place prevent from light.	

Note: The above information is based on the specification sheet 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)