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SPECIFICATION SHEET L-Arginine Monohydrochloride

Item Code: 300

Country of Origin: China

Updated: October 2012

CAS No.: 1119-34-2

Molecular Formula: $C_6H_{14}N_4O_2HCl$

Molecular Weight: 1119-34-2

TEST ITEMS	SPECIFICATIONS	TEST METHODS
Appearance	White crystal or crystalline powder	Visual
Identification	As per USP33	USP33
Specific Rotation	+21.4° – +23.6°	USP33
Loss on drying	≤0.2%	USP33
Residue on Ignition	≤0.1%	USP33
Sulfate	≤0.03%	USP33
Chloride	16.5% - 17.1%	USP33
Assay	98.5% to 101.5%	USP33
Heavy Metals	≤10 ppm	USP33
Lead (Pb)	≤3 ppm	/
Chromatographic purity	As per USP33	/
Residual Solvents	As per USP33	/
Microbiology:		
Total aerobic plate count	≤1,000 cfu/g	CP
Yeast & Mold	≤100 cfu/g	CP
E. coli	Negative	CP
Salmonella	Negative	CP
Staph aureus	Negative	CP

Conclusion: Conforms to USP33 standards

Shelf Life: 2 years

Storage: Preserve in a well-closed container, protected from intense light, heat & moisture

Packing: In drums of 25 kgs

- Kosher certified product

Gayathri Vasudevan
Manager, Quality Assurance & Regulatory