
PRODUCT SPECIFICATION SHEET

Product name	L-Arginine HCl
Quality Standard	USP33
Appearance	white or almost white crystalline powder or colorless crystals
Identification	as per USP33
Specific rotation	+21.4° to +23.6°
Loss on drying	not more than 0.2%
Residue on ignition	not more than 0.1%
Sulfate	not more than 0.03%
Heavy metals	not more than 0.002%
Chromatographic purity	as per USP33
Organicvolatile impurities	as per USP33
Residual solvents	as per USP33
Chloride	16.5% to 17.1%
Assay	98.5% to 101.5%
Total aerobic plate count	≤1000cfu/g
Yeast & Mold	≤100cfu/g
E. coli	negative
Salmonella	negative
Staphylococcus aureus	negative