

L-Arginine HCl Quality Specification

Product: **L-Arginine HCl**

Reference Quality Standard: USP30

Shelf life: 2 years

Items		Specification
Appearance		White crystalline powder
Identification		Complies (IR)
Assay (on dried basis)		98.5~101.5%
Chloride Content		16.5~17.1%
Specific Rotation		+21.4°~+23.6°
Loss on Drying		≤0.2%
Residue on Ignition		≤0.1%
Heavy Metals		≤0.002%
Chromatographic Impurity (USP TLC)	Individual	≤0.5%
	Total	≤2.0%
Sulfate		≤0.03%

Note: The product is tested in accordance with USP30 quality standard.
An actual batch product's quality meets or is better than the requirements.