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SPECIFICATIONS

Product name: L-Arginine Hydrochloride

Quality standard: EP6 CAS no.: 1119-34-2

**Characters: white or almost white, crystalline powder
or colourless crystals, freely soluble in water**

Test Items	Limit
Identification	conforms (as per EP6)
Appearance of solution	clear and not more intensely coloured than reference solution BY₆
Specific optical rotation	+21.0° to +23.5°
Ninhydrin-positive substances	conforms (as per EP6)
Sulphates	≤300ppm
Ammonium	≤200ppm
Iron	≤10ppm
Heavy metals	≤10ppm
Loss on drying	≤0.5%
Sulphated ash	≤0.1%
Assay	98.5% to 101.0%

Storage: Preserve in well-closed containers and protected from light