

Specification Statement

Product Description: L-Lysine HCL Powder

产品名称: L-赖氨酸盐酸盐 Product Name: L-Lysine monohydrochloride		
参照标准: Reference standard:USP40	包装: packing:25kg/袋	有效期: Shelf life: 24month
储存条件: Store condition: keep dry and cool, after open the bag, please use it in a short time, or seal it tightly.		
项 目 Item	规 格 Specifications	参考标准 Reference standard
外观 Appearance	白色结晶性粉末 White crystalline powder	Visual
含量,% Assay,%	98.5 ~ 101.5	USP
鉴别 Identification	红外吸收 Infrared Absorption	USP
硫酸盐,%(以 SO ₄ 计) Sulfate(SO ₄),% (as SO ₄)	≤0.03	USP
干燥失重,% Loss on drying,%	≤0.4	USP
炽灼残渣,% Residue on ignition ,%	≤0.1	USP
铁 (以 Fe 计),ppm Iron(as Fe),ppm	≤30	USP
重金属(以 Pb 计),ppm Heavy metals (as Pb),ppm	≤15	USP
氯化物(以 Cl 计), % Chloride (as Cl) ,%	19.0-19.6	USP
比旋光度[α] _D ²⁰ Specific optical rotation	+20.4° — +21.4°	USP
色谱纯度 Chromatographic purity,%	Individual impurity ≤0.5 Total impurities ≤2.0	USP
相关化合物 Related Compounds	Meets the requirements	USP

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