



河北春诚生物科技有限公司

HEBEI CHUNCHENG BIOLOGICAL TECHNOLOGY CO.,LTD

质量检验单

Certificate of Analysis

产品名称: L-盐酸赖氨酸

Commodity: L-Lysine HCL

数量:

Quantity:7000kg

质量标准:

Quality Standard: USP36

生产日期:

Manufacturing Date:2018-11-08

批号:

Batch No.:181108

有效日期:

Expiry Date:2020-11-07

项 目 Item	标 准 Standard	结 果 Results
外观 Appearance	白色结晶粉末 White crystalline powder	白色结晶粉末 White crystalline powder
含 量 ,% Assay ,%	98.5 ~ 101.5	99.3
鉴别 Identification	红外吸收 Infrared Absorption	Conforms
硫酸盐 ,%(以 SO ₄ 计) Sulfate(SO ₄),% (as SO ₄)	≤0.03	<0.03
干燥失重,% Loss on drying,%	≤0.4	0.25
炽灼残渣,% Residue on ignition ,%	≤0.1	0.06
铁 (以Fe计),% Iron(as Fe),%	≤0.003	<0.003
重金属(以Pb计),% Heavy metals (as Pb),%	≤0.0015	<0.0015
氯化物(以 Cl计), % Chloride (as Cl) ,%	19.0-19.6	19.3
比旋光度 [α] _D ²⁰ Specific optical rotation	+20.4° — +21.4°	+20.7° (20℃)
色谱纯度 Chromatographic purity,%	Individual impurity ≤0.5 Total impurities ≤2.0	Conforms
有机挥发杂质 Organic volatile impurities	符合标准 Meet the requirements	Conforms
结论: 本品符合USP36的要求。 Conclusion: This product conforms to requirement of USP36 standard.		

检验: 田国涛

Inspector: Guotao Tian

复核: 高军

Checker: Jun Gao

