



HEBEI HUAHENG BIOLOGICAL TECHNOLOGY CO.,LTD

河北华恒生物科技有限公司

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SPECIFICATION

Product Name:L-Lysine

CAS:56-87-1

Molecular formula: C₆H₁₄N₂O₂

Package:25kg/drum

Standard: Q/HHSW 50-2020

项 目 Item	标 准 Specifications
外观 Description	白色结晶或白色结晶性粉末 White crystals or white crystalline powder
含量 , % (以干基计) ≥ Assay,% (On the dry basis) min	98.5-101.5
干燥失重, % ≤ Loss on drying,% max	5.0
炽灼残渣, % ≤ Residue on ignition, % max	0.50
氯化物, chlorinity (Cl) , ≤ max	300ppm
比旋度[a] _D ²⁰ Specific rotation[a] _D ²⁰	+24.0°~+27.0°
铵盐, Ammonium (NH ₄), ≤ max	200ppm
铁盐 (Fe), Iron (Fe) , ≤ max	10ppm
硫酸盐, Sulfate ≤ max	200ppm
重金属, Heavy metals (Pb) , ≤ max	10ppm
砷 (以 AS ₂ O ₃ 计) , Arsenic(as AS ₂ O ₃), ≤ max	1ppm
其他氨基酸 Other amino acids ≤ max	符合要求 Past muster