

Certificate of Analysis

Product Name:L-Valine

Origin: China

检测项目 Test item	检验方法 Test method	标准要求 Specification
感官 Sensory test	企业标准 Manufacturer's standard	灰白色结晶或结晶性粉末,无明显异味 Off-White crystalline or crystalline powder,nopeculiar smell
含量(以干基计)/ (%) Assay(dry content)	企业标准 Manufacturer's standard	≥98.0
干燥失重/ (%) Loss on Drying	企业标准 Manufacturer's standard	≤1.0
PH/ (数值) PH	企业标准 Manufacturer's standard	4.0 ~ 7.0
灼烧残渣/ (%) Residue on ignition	企业标准 Manufacturer's standard	≤0.5
★比旋光度 [α] _{D25} / (°) Specific rotation[α] _{D25}	企业标准 Manufacturer's standard	+26.6 ~ +28.8
★铁盐/ (%) Iron salt	企业标准 Manufacturer's standard	≤0.003
★重金属(以Pb计)/ (mg/kg) Heavy metals(as Pb)	中国药典 Chinese pharmacopoeia	≤5
★砷(以总砷计)/ (mg/kg) Arsenic(as in total arsenic)	中国药典 Chinese pharmacopoeia	≤2
★汞(以Hg计)/ (mg/kg) Mercury(as Hg)	GB5009.17	≤0.1
★镉(以Cd计)/ (mg/kg) Cadmium(as Cd)	GB5009.15	≤2
★致病菌(沙门氏菌) salmonella	GB4789.4	不得检出 Negative

L-Valine COA