

CERTIFICATE OF ANALYSIS			
Product Name	L-Isoleucine	Batch Number	17011801
Reference Standard	USP24	Manufacture Date	JAN.18, 2017
Packing	25Kg/drum	Expiry Date	JAN.17, 2019

Items	Specifications	Results
Appearance	White crystals or crystalline powder	Conforms
Specific rotation	+38.9°~+41.8°	+40.0°
Chloride(Cl)	≤0.05%	<0.050%
Sulfate(SO4)	≤0.03%	<0.030%
Iron(Fe)	≤30ppm	<30ppm
Heavy metals(Pb)	≤15ppm	<15ppm
Arsenic(As2O3)	≤1.5ppm	<1.5ppm
Organic volatile impurity	Meet the requirement	Conforms
Loss on drying	≤0.20%	0.18%
Residue on ignition (Sulfated)	≤0.30%	0.21%
Assay	98.5~101.5%	99.2%
pH	5.5~7.0	5.9

Conclusion: The Product Conforms to USP24

The product obtained by the fermentation, contains no animal sources