



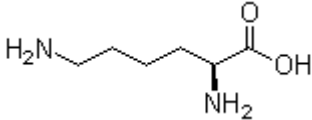
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: **DYC041603181**

Product name	L-Lysine
CAS Number	56-87-1
Molecule Structure	
Molecule Formula	C ₆ H ₁₄ N ₂ O ₂
Batch number	20151210
Manuf&Exp. Date	2015-12-10; 2017-12-09
Testing date	2015-12-11

Items	Standard	Result
Appearance	Off-white to white crystalline powder	white crystalline powder
Assay	98.5% -101.5%	99.58%
Loss on drying	0.4% max	0.28%
Transmittance 1g/10ml	98%min	98.8%
Heavy metal(as Pb)	0.001% max	0.001% max
Residue on ignition	0.1% max	0.05%
Chloride(as Cl)	19.0%- 19.6%	19.17%
Sulfate(as So ₄)	0.02% max	0.02% max
Iron(as Fe)	0.001% max	0.001% max
Arsenic(as As ₂ O ₃)	0.0001% max	0.0001% max
Ammonium(as NH ₄)	0.02% max	0.02% max

Hangzhou Dingyan Chem Co., Ltd.
QUALITY CONTROL: *Cristina* CHECK: 姚仙娟
Quality Control Signature(x)

INSPECTOR: 刘清风

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