

石家庄市海天精细化工有限公司
SHIJIAZHUANGHAITIANFINE CHEMICALSCO., LTD

ADD:河北藁城市兴安工业区(xingan Industryzone,gaocheng city,hebei P.R.China

Tel: +86-311-88901888/8111

Fax: +86-311-88908222

Certificate of Analysis

分 析 报 告

产品名称: L-丙氨酸 Product Name:L-Alanine	数量: Quantity:2000kgs	批号: Batch No: HT20130805
生产日期: Producing date: 2013.08.05	取样日期: Sampling date: 2013.08.05	保质期: Expiry date: 2015.08.05
参照标准: Reference standard: USP32	包装: packing:25kg/drum	
Item	Standard	Results
Assay	98.5 -101.0%	99.0%
Specific rotation	+13.7~+15.1	14.3°
PH	5.5-7.0	6.1
Loss on drying	≤0.20%	0.06%
Residue on ignition	≤0.15%	0.04%
Heavy Metal	≤0.0015%	<0.0015%
Chloride	≤0.05%	<0.05%
Sulfate[SO ₄ ²⁻]	≤0.03%	<0.03%
Iron	≤0.003%	<0.003%
Conclusion: This product conforms to requirement of USP32		

Checker: Xiaowei Zang

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