

Changzhou Extraordinary Pharmatech co.,LTD

常州非凡医药科技有限公司

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CERTIFICATE OF ANALYSIS

Name of Product: L-Valine ethyl ester hydrochloride

Batch No.: 20170918 CAS:17609-47-1

Quantity: 500kg Manufacture date: 2017.09.18

Test date: 2017.09.18 Retest date: 2019.09.17

Test Items	Quality Standard	Test Result
Appearance	White to off-white microcrystalline powder	Conforms
Assay	≥99.0%	99.2%
loss on drying	≪0.5%	0.3%
Other amino acids	≤0.3%	0.2%
L-Ile	≪0.03%	0.02
300MHz 1H	Consistent	Consistent
Specific Rotation(20/D)	+6.7 \pm 0.5 Degree (C=2 in H2O)	+6.7 Degree (C=2 in H2O)
TLC Analysis	One spot	Eligibility
Melting point	102-105℃	102-104℃
Storage conditions	Cool and dry, no more than 26℃	

Conclusion: This product conforms to the Enterprise Standard.

Analyst: 工艺 Checker: 大咖啡

Supervisor:

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Page 1 of 1