



新疆阜丰生物科技有限公司
XINJIANG FUFENG BIOTECHNOLOGIES CO., LTD.
NO 188, FANGZHENG EAST STREET, GANQUANPU ECONOMIC AND
TECHNOLOGICAL DEVELOPMENT ZONE, URUMCHI CITY

CERTIFICATE OF ANALYSIS
FOR L-VALINE (FEED GRADE)

INVOICE NO.: XJFF18WA112
QUANTITY: 16000KG/ 640BAGS
MFG DATE: DEC.19,2018

BATCH NO: X1812019
INSPECTION DATE: DEC.20,2018
EXPIRY DATE. : DEC.18,2020

Items	Specifications	Test Results
DESCRIPTION	WHITE CRYSTALS OR CRYSTALLINE POWDER	CONFIRMS
ASSAY (%)	≥98.0	98.4
PH	4.5~7.0	4.7
SPECIFIC ROTATION	+26.6°~+28.8°	+27.6°
RESIDUE ON IGNITION %	≤0.2	0.10
LOSS ON DRYING (%)	≤0.3	0.20
CHLORIDE (Cl) %	≤0.05	<0.05
IRON (Fe) %	≤0.0030	<0.0030
SULFATE (SO ₄) %	≤0.03	<0.03
HEAVY METALS %	≤0.0015	<0.0015
STORAGE CONDITION	STORED IN COOL AND DRY PLACE	
ANALYSIS METHOD USED	PASSED TEST ACCORDING TO THE STANDARD OF USP	

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