



石家庄市石兴氨基酸有限公司 SHIJIAZHUANG SHIXING AMINO ACID CO., LTD.

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CERTIFICATE OF ANALYSIS

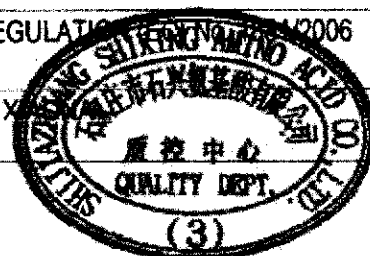
L-LEUCINE STANDARD: FOOD GRADE	BATCH NO: SW241223	BATCH QUANTITY: 1500KG
DATE OF MFG.: 2024-12-13	EXP. DATE: 2026-12-12	REPORTING DATE: 2024-12-17

ITEMS	STANDARD	RESULT
APPEARANCE:	WHITE CRYSTALS POWDER	CONFORMS
IDENTIFICATION:	INFRARED ABSORPTION	CONFORMS
ASSAY: (AS DRY MATTER)	98.5% ~ 101.5%	99.8%
LOSS ON DRYING:	0.2% MAX	0.07%
OPTICAL ROTATION: (20°C)	+14.5° ~ +16.5°	+15.7°
RESIDUE ON IGNITION:	0.1% MAX	0.03%
HEAVY METALS TEST		
LEAD (Pb):	3ppm MAX	<0.04ppm (DETECTION LIMIT)
CADMIUM (Cd):	1ppm MAX	<0.01ppm (DETECTION LIMIT)
MERCURY (Hg):	0.1ppm MAX	<0.01ppm (DETECTION LIMIT)
ARSENIC (As):	1ppm MAX	<0.003ppm (DETECTION LIMIT)
MICROBIOLOGICAL TEST		
TOTAL PLATE COUNT/g:	1000cfu MAX	<10cfu
YEAST AND MOULDS/g:	100cfu MAX	<10cfu
ESCHERICHIA COLI/g:	NEG	0
SALMONELLA SPECIES/25g:	NEG	0

RESULT: THE GOODS CONFORMS TO FOOD GRADE REF FCCV, REGULATION 2006
AND ITS AMENDING REGULATIONS.

INSPECTOR: ZHANG YUANYUAN

CHECKER: SUN X



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