

HANGZHOU DAYANGCHEM CO., LTD.

CERTIFICATE OF ANALYSIS

COA No.:A120705606

Product Name	L-phenylalanine
CAS Registry number	63-91-2
Batch No.	150525

Index Name	Specifications	Results
Appearance	White or off-white crystalline powder	Complies
Specific rotation	-33.5- -35 deg	-34.1 deg
Assay	98.5-101 %	99.6%
Identification	Positive reaction	Complies
PH	5.4-6.0	6.0
Transmittance	98.0% min (5%H ₂ O)	99. %
Cl%	0.02% max	Confirm
NH ₄ %	0.02%max	Confirm
SO ₄ %	0.02%max	Confirm
As	2PPm	<1ppm
Fe	10ppm	<10ppm
Heavy metals	10ppm	<10ppm
Residue on ignition	0.1% max	0.02%
Bacterial Endotoxin	0.013EU/mg	Confirm
Loss on drying	0.2%max	0.08%

DAYANG CHEMICAL
QUALITY CONTROL DEPT.
CHECK:

英施
印望

INSPECTOR:

岚麻
印晓