



CERTIFICATE OF ANALYSIS

Product	L-Phenylalanine
Grade	High Purity
Product Code	PB0422
Formula	C ₉ H ₁₁ NO ₂
MW	165.2
CAS#	63-91-2
Lot No	

Test Items	Specifications	Results
Appearance	White crystalline powder	
Assay (dry basis)	98.5 -101.5%	
Specific Rotation [α] _D ²⁰	-33.2° - -35.2°	
Identification (IR)	Concordance with reference	
pH	5.4 – 6.0	
Loss on drying	≤0.20%	
Residue on ignition	≤0.10%	
Heavy metals	≤20ppm	
Arsenic	≤3ppm	

Storage: 18~25°C.