

29751

# DL-Phenylalanine (DL-Phe)

DL-フェニルアラニン

C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>CH(NH<sub>2</sub>)COOH

CAS RN:150-30-1

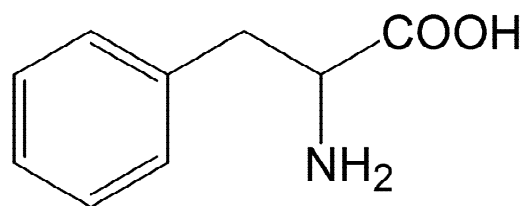
C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>

FW:165.19

## Code No.

## Package Size

Code No.	Package Size
29752	1kg
29753	5kg
29754	10kg
29755	25kg



## Specifications

Solubility in water	Colorless & clear (c=1)
Specific rotation $[\alpha]_D^{20}$	-0.3°~+ 0.3°(c= 1, water)
Loss on drying	Not more than 0.3%
Residue on ignition (as sulfate)	Not more than 0.1%
Chloride (Cl)	Not more than 0.02%
Sulfate (SO <sub>4</sub> )	Not more than 0.03%
Heavy metals (as Pb)	Not more than 10ppm
Iron (Fe)	Not more than 10ppm
Ammonium (NH <sub>4</sub> )	Not more than 0.02%
Arsenic (As <sub>2</sub> O <sub>3</sub> )	Not more than 1ppm
Other amino acids	Not detected by T.L.C. (The spotted amount, 10μg)
Assay	98.5%~101.0%