

29531

# D-Phenylalanine (D-Phe)

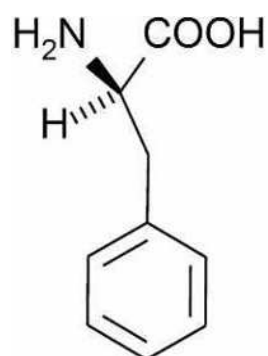
D-フェニルアラニン

 $C_6H_5CH_2CH(NH_2)COOH$ 

CAS RN:673-06-3

 $C_9H_{11}NO_2$ 

FW:165.19



## Package Size

※数量・包装サイズはご相談ください

## Specifications

Solubility in water	Colorless & clear (c=2)
Specific rotation $[\alpha]_D^{20}$	+ 33.4° ~ + 35.0° (c= 2, 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%
L-Isomer	Not more than 0.5%