

29531

D-Phenylalanine (D-Phe)

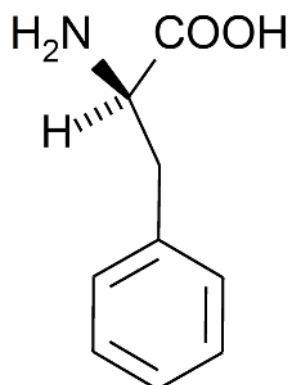
D-フェニルアラニン

 $C_6H_5CH_2CH(NH_2)COOH$

CAS RN:673-06-3

 $C_9H_{11}NO_2$

FW:165.19



Code No.

Package Size

| | |
|-------|------|
| 29532 | 1kg |
| 29533 | 5kg |
| 29534 | 10kg |

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 ₄) | Not more than 0.03% |
| Heavy metals (as Pb) | Not more than 10ppm |
| Iron (Fe) | Not more than 10ppm |
| Ammonium (NH ₄) | Not more than 0.02% |
| Arsenic (As ₂ O ₃) | 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% |