

29541

# D-Phenylglycine (D-Phg)

D-フェニルグリシン

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

CAS RN:875-74-1

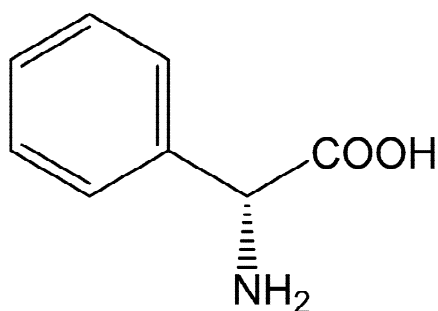
C<sub>8</sub>H<sub>9</sub>NO<sub>2</sub>

FW:151.17

## Code No.

## Package Size

29542	1kg
29543	5kg
29544	10kg



## Specifications

Solubility in 2M-HCl	Colorless & clear (c=5)
Specific rotation [ $\alpha$ ] <sub>D</sub> <sup>20</sup>	-159° ~ -161° (c= 2, 2M-HCl)
Loss on drying	Not more than 0.3%
Residue on ignition (as sulfate)	Not more than 0.1%
Chloride (Cl)	Not more than 0.03%
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, 20μg)
Assay	98.5% ~ 101.0%
L-Isomer	Not more than 1.0%