

29441

# D-Glutamic Acid (D-Glu)

D-グルタミン酸

 $\text{HOOCCH}_2\text{CH}_2\text{CH}(\text{NH}_2)\text{COOH}$ 

CAS RN:6893-26-1

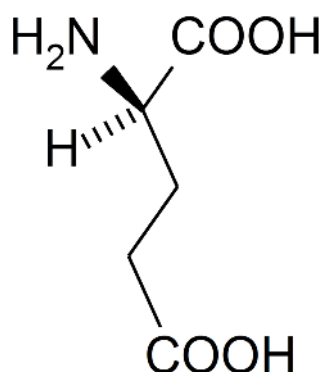
 $\text{C}_5\text{H}_9\text{NO}_4$ 

FW:147.13

## Code No.

## Package Size

29442	1kg
29443	5kg
29444	10kg
29445	50kg



## Specifications

Solubility in 3M-HCl	Colorless & clear (c=5)
Specific rotation $[\alpha]_D^{20}$	-31.0°~ -32.5°(c= 10, 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 0.02%
Sulfate (SO <sub>4</sub> )	Not more than 0.05%
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 0.5%