

29421

# D-Aspartic Acid (D-Asp)

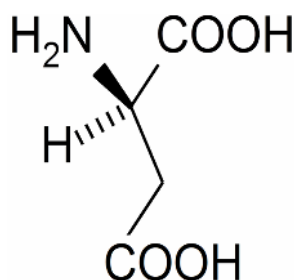
D-アスパラギン酸

HOOCCH<sub>2</sub>CH(NH<sub>2</sub>)COOH

CAS RN:1783-96-6

C<sub>4</sub>H<sub>7</sub>NO<sub>4</sub>

FW:133.10



## Code No.

## Package Size

29422	1kg
29423	5kg
29424	10kg
29425	25kg
29410	50kg

## Specifications

Solubility in 3M-HCl	Colorless & clear (c=5)
Specific rotation [ $\alpha$ ] <sub>D</sub> <sup>20</sup>	-24.7°~ -25.8°(c= 8, 6M-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 0.5%