

29411

D-Asparagine Monohydrate (D-Asn·H₂O)

D-アスパラギン一水和物
H₂NCOCH₂CH(NH₂)COOH·H₂O

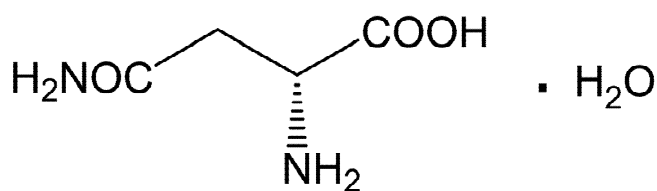
CAS RN:5794-24-1

C₄H₈N₂O₃·H₂O

FW:150.13

Code No. **Package Size**

29412	1kg
29413	5kg
29414	10kg



Specifications

Solubility in water	Colorless & clear (c=2)
Specific rotation (20 °C)	-33.5°~-36.5°(c= 10, 6M-HCl)
Loss on drying	11.5%~12.5%
Residue on ignition (as sulfate)	Not more than 0.1%
Chloride (Cl)	Not more than 0.03%
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 acid (D-Asp)	Not more than 1.0% by T.L.C (The spotted amount, 20 mg)
Assay (as anhydrous)	98.5%~101.0%
L-Isomer	Not more than 0.5%