

29371

D-Alanine (D-Ala)

D-アラニン

 $\text{CH}_3\text{CH}(\text{NH}_2)\text{COOH}$

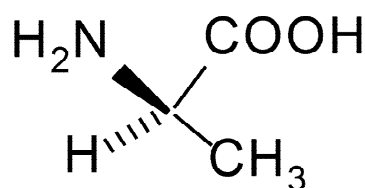
CAS RN:338-69-2

 $\text{C}_3\text{H}_7\text{NO}_2$

FW:89.09

Code No.**Package Size**

29372	1kg
29373	5kg
29374	10kg
29375	50kg

**Specifications**

Solubility in water	Colorless & clear (c=5)
Specific rotation $[\alpha]_D^{20}$	-13.7°~-15.0°(c= 4, 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 0.02%
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%