

29511

D-Norvaline (D-Nval)

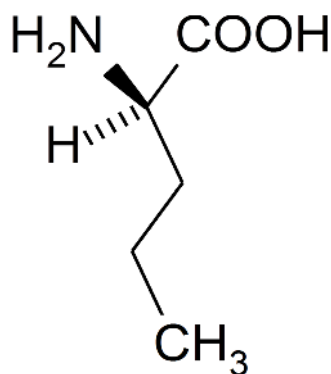
D-ノルバリン

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

CAS RN:2013-12-9

 $\text{C}_5\text{H}_{11}\text{NO}_2$

FW:117.15



Code No.

Package Size

29512	1kg
29513	5kg
29514	10kg
29515	50kg

Specifications

Solubility in 3M-HCl	Colorless & clear (c=5)
Specific rotation $[\alpha]_D^{20}$	-23.5° ~ -25.5° (c= 10, 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 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, 20μg)
Assay	98.5% ~ 101.0%
L-Isomer	Not more than 0.5%