

29581

D-Tryptophan (D-Trp)

D-トリプトファン

$$\text{C}_6\text{H}_4\text{NHCH}=\text{CCH}_2\text{CH}(\text{NH}_2)\text{COOH}$$

CAS RN:153-94-6

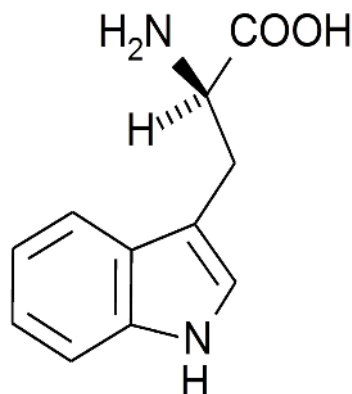
C₁₁H₁₂N₂O₂

FW:204.23

Code No.

Package Size

29582	0.5kg
29583	5kg
29584	25kg



Specifications

Solubility in water	Colorless & clear (c=1)
Specific rotation $[\alpha]_D^{20}$	+ 31.0°~+33.0°(c= 2,water)
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%