

ALANINE

	A white, odorless, crystalline powder having a sweetish taste. It is freely soluble in water, sparingly soluble in alcohol, and insoluble in ether. The pH of 1 in 20 solution is between 5.5 and 7.0.	
	Chemical Name	S-2-Amino Propionic Acid
	Molecular Formula	C ₃ H ₇ NO ₂
	Structural Formula	
	Molecular Weight	89.09
SPECIFICATION (FCCIV, 1996)	Assay (of C ₃ H ₇ NO ₂)	98.5%-101.0%
	Specific Rotation (after drying)	+13.2~+15.2
	Lead	10ppm Max
	Heavy Metal (as Pb)	0.002% Max
	Loss on Drying	0.3% Max
	Residue of Ignition	0.2% Max
Main Function and Purpose	L(+)-Alanine is widely used in pharmaceutical, food and chemical fields. For example, it can be used as food additive, health care cosmetics and so on. L(+)-alanine is an important raw material of VB6 production. 14 amino acid injection 800, a kind of compound amino acid injection, is a new medicine to treat liver and brain diseases. It can treat amino acid metabolism turbulence caused by liver dysfunction, and can make the patient of hepatic coma regain consciousness. It is also a very good medicine for diuresis treatment.	
Packing	25KG net in Kraft/Plastic Bag lined with PE bag or according to customer requirement.	
STORAGE	Kept airtightly in a light-proof, dry and cool place.	