



Avigly (Glycine)

Glycine

Glycine is an intermediate in the synthesis of a variety of chemical products. It's a proteinogenic amino acids. Amino acid is widely used as nutritional supplements in food and beverage industries. As a nutritional supplements, Glycine can be used in a wide variety of industries including : food production, beverage, pharmaceutical, cosmetics, agriculture/animal feed and various other industries.

General Info :

CAS Number	Molecular Formula	Molecular Weight
56-40-6	$C_2H_5O_2$	75.07 gm/mol

Sales Specification :

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Parameter	Limit	Avigly-T (Glycine Tech)	Avigly-HP (Glycine USP)
Assay	Min.	98.5	98.5 - 101.5
Chloride (Cl)	Max.	0.5	0.007
Sulphate (SO ₄)	Max.	-	0.0065
Ash	Max.	0.0004	0.0002
Residue on ignition	Max.	-	0.1
Loss on drying	Max.	0.2	0.2
PH	Max.	-	5.5~6.5

Market Applications :

- As an intermediate for Thiamphenicol, a key raw material for Herbicide Glyphosate, an assistant agent for dichloride benzene ether.
- As an inductor and nutrition in feed additives.
- As a flavouring agent or sweetener, antiseptic agent (or in combination with L-glutamate, DL-alanine, citric).
- As an additive for the making of seasons, soft beverage, salted vegetables to retain its color and improve a source of sweet, restraining the propagation from pollinosis bacilli and coliform.
- Used as a stabilizer for Vitamin C.
- In Amino Acid injection solution as nutritional infusion, as a buffering agent for aureomycin, as a raw material for making L-Dopa cephalosporin, cosmetics and amino acid.
- As an additive for some medicines. Such as for flesh fall into a decline, untrue hypertrophy flesh cacosia, neuropathic acid stomach.

