// Creating the Future

GLYCIN

EP 9 ORAL GRADE

PARAMETER	LIMIT
Appearance: White or almost white crystalline powder	passes
Identity (A. IR)	passes
Test on turbidity (10.0 % (m/V) in H_2O)	≤ Ref. Susp. I
Test on colour (10.0 % (m/V) in H_2O)	≤ Y_7
pH (5.0 % (m/V) in H_2O)	+5.9° to +6.4°
Related substances (HPLC) • Glycine Anhydride • Diglycine • Triglycine • each other impurity • total of impurities	 ≤ 0.10 % ≤ 0.10 % ≤ 0.10 % ≤ 0.10 % ≤ 0.2 %
Other amino acids (AAA) • individual impurity • total of impurities • Ammonium	 ≤ 0.10 % ≤ 1.0 % ≤ 0.02 %
Chlorides	≤ 75 ppm
Heavy metals (as Pb)	≤ 10 ppm
Loss on drying	≤ 0.5 %
Residue on ignition	≤ 0.1 %
Assay (on dry basis)	98.5 to 101.0 %
Total viable aerobic count	≤ 1000 CFU/g
Moulds and yeasts	≤ 100 CFU/g
Salmonella	In 1 g n.d.
Escherichia coli	In 1 g n.d.
Pseudomonas aeruginosa	In 1 g n.d.
Staphylococcus aureus	In 1 g n.d.

CHEMICAL DATA

Formula	$C_2H_5NO_2$
CAS Number	56-40-6

PACKAGING

25 kg Unit	
Outer container	Fiber drum
Outer liner	LDPE
Inner liner	LDPE

STABILITY

Product is stable for 4 years from date of production if stored under recommended conditions in original packaging.

STORAGE

Dry and dark at room temperature in tightly closed container

AMINO GmbH does not warrant for the accuracy, currency and completeness of information provided in this specification. Users have to determine the suitability for their particular application.