



SPECIFICATION SHEET

Product Name : Glycine, GR for analysis
Product Number : 927.035
Brand : ISOLAB
CAS Number : 56-40-6
Formula : $C_2H_5NO_2$
Formula Weight : 75.06 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (Titration with $HClO_4$)	≥ 99.7 %	%
Identity (IR-Spectrum)	passes test	
Insoluble in water	≤ 0.003 %	%
pH (5%, H_2O)	5.9 - 6.3	
Chlorides (Cl)	≤ 0.003 %	%
Sulphate (SO_4)	≤ 0.0025 %	%
Ammonium (NH_4)	≤ 0.005 %	%
Copper (Cu)	≤ 0.0001 %	%
Heavy metals (as Pb)	≤ 0.001 %	%
Iron (Fe)	≤ 0.0001 %	%
Lead (Pb)	≤ 0.0001 %	%
Hydrolyzable substances	passes test	
Other ninhydrin positive substances (as glycine)	≤ 0.1 %	%
Other aminoacids	≤ 0.1 %	%
Substances darkened by H_2SO_4	passes test	
Residue on ignition (600 °C)	≤ 0.05 %	%
Water (K.F.)	≤ 0.1 %	%

Quality Management
Isolab Laborgerate GmbH

