



### SPECIFICATION SHEET

Product Name	:	Glycine, GR for analysis
Product Number	:	927.035
Brand	:	ISOLAB
CAS Number	:	56-40-6
Formula	:	C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>
Formula Weight	:	75.06 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (Titration with HClO <sub>4</sub> )	≥ 99.7 %	%
Identity (IR-Spectrum)	passes test	
Insoluble in water	≤ 0.003 %	%
pH (5%, H <sub>2</sub> O)	5.9 - 6.3	
Chlorides (Cl)	≤ 0.003 %	%
Sulphate (SO <sub>4</sub> )	≤ 0.0025 %	%
Ammonium (NH <sub>4</sub> )	≤ 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 <sub>2</sub> SO <sub>4</sub>	passes test	
Residue on ignition (600 °C)	≤ 0.05 %	%
Water (K.F.)	≤ 0.1 %	%

Quality Management  
Isolab Laborgerate GmbH

