



# Product Specifications

## GLYCINE

<u>Catalog #</u>	<u>Size</u>
IB70194	2.5Kg

### Physical Specifications

CAS#	56-40-6
Formula Weight	75.07
Molecular Formula	C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>
Purity	>99.5%
A <sub>280</sub> (1M, water)	<0.10
Heavy Metals (as Pb) (%)	<0.002%
Solubility (10% water)	Pass
pH (10% water)	5.5-6.5
Loss on Drying (%)	≤0.2
Melting Point	247±2.5°C

### Molecular Biology Specifications

DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected

### Recommended Use

Glycine is a neutral amino acid. It is the primary component in polyacrylamide buffers. During the process of separation the glycine forms an electrical front which pulls the macromolecules along.

### Storage

Store at room temperature. Keep tightly sealed. Protect from moisture.

### Warning

Avoid contact to the eyes, respiratory system, and skin. Wear suitable protective clothing, gloves, and eye/face protection. See Material Safety Data Sheet for additional information.