

# PRODUCT SPECIFICATIONS

## DL-Homoserine



CAS No: [1927-25-9]

Formula:  $\text{C}_4\text{H}_9\text{NO}_3$

Molecular Weight: 119.12

### SPECIFICATIONS:

Solubility in water	:	Colorless & clear (C=5) $T \geq 98.0\%$ (490 nm. 10 mn)
Loss on drying	:	Not more than 0.5%
Residue on ignition (as sulfate)	:	Not more than 0.1%
Chloride (Cl)	:	Not more than 0.02%
Sulfate ( $\text{SO}_4$ )	:	Not more than 0.03%
Heavy metals (as Pb)	:	Not more than 10 ppm
Iron (Fe)	:	Not more than 10 ppm
Ammonium salts ( $\text{NH}_4$ )	:	Not more than 0.02%
Arsenic (As)	:	Not more than 1ppm
Other amino acids	:	Not detected by P.P.C. (The spotted amount, ug)
Assay	:	98.5 ~101.0%