

# SPECIFICATION

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Product Code            59135-0410  
Commodity               L-Histidine  
Grade                    Guaranteed Reagent  
Q'ty                       25g

| [Test Item]                         | [Standard]    | CASNo.71-00-1 |
|-------------------------------------|---------------|---------------|
| ASSAY (Dried)                       | min. 98.5 %   |               |
| Solubility in water                 | To pass test  |               |
| Specific rotation $[\alpha]_D^{20}$ | +11.8~+12.8 ° |               |
| Drying loss                         | max. 0.2 %    |               |
| Ignition residue (as sulfates)      | max. 0.1 %    |               |
| Chloride (Cl)                       | max. 0.02 %   |               |
| Sulfate (SO <sub>4</sub> )          | max. 0.03 %   |               |
| Heavy metals (as Pb)                | max. 0.001 %  |               |
| Arsenic (As)                        | max. 1 ppm    |               |
| Iron (Fe)                           | max. 0.001 %  |               |
| Ammonium (NH <sub>4</sub> )         | max. 0.02 %   |               |
| Other amino acid                    | To pass test  |               |