



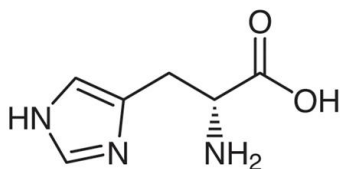
Certificate of Analysis.

D -Histidine reference standard, Anstan[®].

| | |
|-------------------|--|
| Product code: | BS13960. |
| Description: | D -Histidine reference standard, Anstan[®]. |
| Chemical Name: | H-D-His-OH. |
| Pack: | 1 gm. |
| CAS NO.: | 351-50-8. |
| Mol. Weight: | 155.16 g/mol. |
| Mol. Formula: | C₆H₉N₃O₂. |
| MDL Number: | MFCD00065963. |
| Melting point: | 280 ° C. |
| Boiling Point: | 278.95 °C. |
| Density: | 1.4 g/cm³. |
| Solubility: | Soluble in water. |
| Storage: | Store at ambient temperature. |
| LOT NO.: | Sample. |
| Manufacture Date: | Lot specific. |
| Expiry Date: | 5 years. |

| Test | Specification | Measured Values |
|---|--|----------------------|
| Appearance: | White to Almost white powder to crystal. | Lot specific. |
| Specific rotation [α] ₂₀ /D: | -12.0 to -14.0 ° (C=11, 6mol/L HCl). | Lot specific. |
| Identification by NMR: | Confirms to the structure. | Lot specific. |
| Identification by MASS: | Confirms to the structure. | Lot specific. |
| Identification by IR: | Confirms to the structure. | Lot specific. |
| Assay by titration: | >99%. | Lot specific. |

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.




Dr. K. Deepti.
Technical Head.

