

## Specification Sheet

Product Name: **D-Homocystine**  
Specifications & Purity: **98%**  
SKU #: **D133938**

| Parameter                                                                | Limit Values                             |
|--------------------------------------------------------------------------|------------------------------------------|
| Specific Rotation $[\alpha]_{25/D(c=1 \text{ in } 1M \text{ HCl})}$      | -77--67 (°)                              |
| Purity(Titration by HClO <sub>4</sub> )                                  | 97.5-102.5 (%)                           |
| Nitrogen by Elemental Analysis                                           | 10.1-10.7 (%)                            |
| Carbon by Elemental Analysis                                             | 34.9-36.7 (%)                            |
| Water by Karl Fischer                                                    | 0-5 (%)                                  |
| Appearance (D133938)                                                     | White to Off-White Powder                |
| Infrared spectrum                                                        | Conforms to Structure                    |
| Solubility in 1 N HCl , 50mg/ml,Clear Colorless To Faint Yellow Solution | Clear Colorless To Faint Yellow Solution |