

## Certificate of Analysis

Date of Testing: 2024-12-09 14:34:21

Date of Next Testing: 2026-12-09 14:34:21

Product Name: **N-(2-Hydroxyethyl)maleimide**

CAS Number: 1585-90-6

Specifications & Purity:  $\geq 97\%$

Lot #: C2302880

SKU #: **N131907**

Version: **0**

Analysis #: **445519**

Storage Temperature: Store at 2-8°C

| Parameter                      | Limit Values                                       | Result                                             |
|--------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(HPLC)                   | 97-100 (%)                                         | 99.30000 %                                         |
| Carbon by Elemental Analysis   | 49.3-52.8 (%)                                      | 50.90 %                                            |
| Melting point                  | 71-75 (°C)                                         | 74.60000 °C                                        |
| Nitrogen by Elemental Analysis | 9.6-10.3 (%)                                       | 9.94 %                                             |
| Appearance (N131907)           | White to Yellow to Brown Powder, Crystals or Solid | White to Yellow to Brown Powder, Crystals or Solid |
| Proton NMR spectrum            | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager