

## Certificate of Analysis

Date of Testing: 2021-12-18 15:21:39  
Date of Next Testing: 2025-12-17 15:21:39  
Product Name: **N-(2-Hydroxyethyl)ethylenediamine**  
CAS Number: 111-41-1  
Specifications & Purity: reagent grade  
Lot #: L2116481  
SKU #: **H100513**  
Analysis: **059875**

Parameter	Limit Values	Result
Boiling point	240-244 (°C)	240.38 °C
Assay	98-100 (%)	98.80 %
Refractive index n <sub>20</sub> /D	1.484-1.486	1.49
Density (20°C)	1.028-1.033	1.03



John Su  
QA & QC Manager