

## Certificate of Analysis

Date of Testing: 2023-08-11 15:11:24  
Date of Next Testing: 2025-08-10 15:11:24  
Product Name: **N-Ethylethylenediamine**  
CAS Number: 110-72-5  
Specifications & Purity:  $\geq 99.0\%$ (GC)  
Lot #: H2304365  
SKU #: **N138023**  
**Analysis:** **161030**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.438-1.44	1.44
Purity(GC)	99-100 (%)	99.31%
Density (20°C)	0.837-0.842	0.84
Appearance (N138023)	Colorless to pale brown liquid	Colorless to pale brown liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager