

Certificate of Analysis

Date of Testing: 2022-05-17 14:14:51
Date of Next Testing: 2026-05-16 14:14:51
Product Name: **Ethylenediamine**
CAS Number: 107-15-3
Specifications & Purity: purified by redistillation, $\geq 99.5\%$
Lot #: E2211229
SKU #: **E112643**
Analysis: **088492**

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Density (20°C) | 0.897-0.899 | 0.90 |
| Water by Karl Fischer | 0-0.5 (%) | 0.43 % |
| Refractive index n ₂₀ /D | 1.455-1.458 | 1.46 |
| Purity(GC) | 99.5-100 (%) | 99.84 % |
| Appearance (E112643) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager