

Certificate of Analysis

Date of Testing: 2023-08-14 10:03:58
Date of Next Testing: 2027-08-13 10:03:58
Product Name: **Ethylenediamine Monohydrate**
CAS Number: 6780-13-8
Specifications & Purity: 98%
Lot #: H2308403
SKU #: **E112132**
Analysis: **256508**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.448-1.451	1.45
Density (20°C)	0.963-0.967	0.96
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	100.10 %
Water by Karl Fischer	22-30 (%)	23.50 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (E112132)	Colorless to Almost colorless clear liquid	Colorless to almost colorless clear liquid



John Su
QA & QC Manager