

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-24 23:59:30

Date of Next Testing: 2027-03-23 23:59:30

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

CAS Number: 111-41-1

Specifications & Purity: $\geq 99\%$

Lot #: C2321389

SKU #: **H100512**

Version: **1**

Analysis #: **199573**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.31800 %
Refractive index n ₂₀ /D	1.483-1.488	1.48650
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.09000 %
Density (20°C)	1.028-1.033	1.02890
Appearance (H100512)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager