

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-09 11:04:36

Date of Next Testing: 2026-12-08 11:04:36

Product Name: **N-(3-Hydroxypropyl)ethylenediamine**

CAS Number: 56344-32-2

Specifications & Purity: $\geq 97\%$ (GC)

Lot #: L2206094

SKU #: **N159094**

Version: **1**

Analysis #: **166403**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.21400 %
Melting point	46-51 (°C)	47.21000 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(N159094)	White or Colorless to Yellow powder to lump to clear liquid	White or Colorless to Yellow powder to lump to clear liquid



John Su
QA & QC Manager