

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-29 16:36:28

Date of Next Testing: 2029-07-28 16:36:28

Product Name: **N,N,N',N'-Tetrakis(2-hydroxypropyl)ethylenediamine**

CAS Number: 102-60-3

Specifications & Purity: $\geq 98\%$

Lot #: G2523596

SKU #: **T121820**

Version: **0**

Analysis #: **530216**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	99.44000 %
Refractive index n _{20/D}	1.479-1.482	1.47910
Appearance (T121820)	Colorless to Yellow to Almost colorless clear liquid	Colorless to Yellow to Almost colorless clear liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager