

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-05 14:21:07

Date of Next Testing: 2027-05-04 14:21:07

Product Name: **N,N,N'-Trimethyl-N'-(2-hydroxyethyl)bis(2-aminoethyl) Ether**

CAS Number: 83016-70-0

Specifications & Purity: $\geq 98\%$ (GC)(T)

Lot #: D2323829

SKU # **N159139**

Version **1**

Analysis #: **017276**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5%	99.85000 %
Purity(GC)	98-100%	98.01000 %
Appearance(N159139)	Colorless to Light orange to Yellow clear liquid	Colorless to Light orange to Yellow clear liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager