

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-11 11:17:57
 Date of Next Testing: 2029-01-10 11:17:57
 Product Name: **N,N,N',N'',N''-Pentakis(2-hydroxypropyl)diethylenetriamine**
 CAS Number: 17121-34-5
 Specifications & Purity: $\geq 95\%$
 Lot #: A2506327
 SKU #: **N159463**
 Version: **1**
 Analysis #: **450588**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	94.5-105.5 (%)	95.60000 %
Appearance(N159463)	Light orange to Yellow to Green clear liquid	Light orange to Yellow to Green clear liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager