

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-11 16:24:29

Date of Next Testing: 2027-09-10 16:24:29

Product Name: **N-(3-Aminopropyl)diethanolamine**

CAS Number: 4985-85-7

Specifications & Purity: 90%

Lot #: I2304308

SKU #: **A102524**

Analysis: **275116**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	90-100 (%)	94.40 %
Refractive index n ₂₀ /D	1.496-1.499	1.50
Density (20°C)	1.068-1.075	1.07
Appearance (A102524)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager