

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-05 23:08:35

Date of Next Testing: 2027-04-04 23:08:35

Product Name: **3-(Diethylamino)propylamine**

CAS Number: 104-78-9

Specifications & Purity: $\geq 99\%$

Lot #: C23311639

SKU #: **D105332**

Version: **1**

Analysis #: **016549**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.13800 %
Density (20°C)	0.826-0.828	0.82700
Refractive index n ₂₀ /D	1.441-1.443	1.44260
Water by Karl Fischer	0-0.3 (%)	0.05200 %
Appearance (D105332)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager