

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-05 16:44:27

Date of Next Testing: 2027-05-04 16:44:27

Product Name: **N-Isopropylethylenediamine**

CAS Number: 19522-67-9

Specifications & Purity: >98.0%(GC)

Lot #: D2323772

SKU #: **N159348**

Analysis: **067068**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.95 %
Density (20°C)	0.83-0.834	0.83
Refractive index n ₂₀ /D	1.436-1.438	1.44
Appearance (N159348)	Colorless to Yellow Liquid	Colorless to 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