

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-30 09:03:34

Date of Next Testing: 2027-08-29 09:03:34

Product Name: **Piperidine-1-carbonitrile**

CAS Number: 1530-87-6

Specifications & Purity: >98.0%(GC)

Lot #: H2310038

SKU #: **P160519**

Analysis: **093269**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.75 %
Refractive index n ₂₀ /D	1.468-1.472	1.47
Appearance (P160519)	Colorless to light yellow to orange liquid	Colorless to light yellow to orange 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