

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-06 11:28:36

Date of Next Testing: 2025-12-05 11:28:36

Product Name: **4-Picoline**

CAS Number: 108-89-4

Specifications & Purity: $\geq 98\%$

Lot #: L2202205

SKU #: **P105226**

Version: **0**

Analysis #: **122224**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.2 (%)	0.12000 %
Density (20°C)	0.954-0.957	0.95600
Refractive index n _{20/D}	1.504-1.506	1.50560
Purity(GC)	98-100 (%)	98.70600 %
Appearance (P105226)	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