

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-06 16:31:37  
 Date of Next Testing: 2026-06-05 16:31:37  
 Product Name: **Pyridine**  
 CAS Number: 110-86-1  
 Specifications & Purity: Premium-Grade Reagents , for Analysis, ACS,Reag. Ph Eur  
 Lot #: E2331121  
 SKU #: **P431465**  
**Analysis:** **236034**  
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.95 %
Ammonia (NH3)	0-0.002 (%)	0.00 %
Piperidine	0-0.01 (%)	0.00500 %
Water by Karl Fischer	0-0.1 (%)	0.05 %
2-Picoline	0-0.2 (%)	0.12000 %
Evaporation Residue	0-0.002 (%)	0.00 %
Color test (APHA)	0-10	10.00
Chloride (Cl-)	0-5 (ppm)	1.50 ppm
Sulfate(SO42-)	0-5 (ppm)	0.00 ppm
Aluminum(Al)	0-0.5 (ppm)	0.20 ppm
Boron(B)	0-20 (ppb)	8.60 ppb
Barium(Ba)	0-0.1 (ppm)	0.04 ppm
Calcium(Ca)	0-0.5 (ppm)	0.22 ppm
Cadmium(Cd)	0-50 (ppb)	28.00 ppb
Cobalt(Co)	0-20 (ppb)	10.80 ppb
Chromium(Cr)	0-20 (ppb)	7.90 ppb
Copper(Cu)	0-20 (ppb)	0.00 ppb
Iron(Fe)	0-0.1 (ppm)	0.00 ppm
Magnesium(Mg)	0-0.1 (ppm)	0.04 ppm
Manganese(Mn)	0-20 (ppb)	9.10 ppb
Nickel(Ni)	0-20 (ppb)	5.70 ppb
Lead(Pb)	0-0.1 (ppm)	0.03 ppm
Stannum(Sn)	0-0.1 (ppm)	0.04 ppm
Zinc(Zn)	0-0.1 (ppm)	0.02 ppm
Appearance(P431465)	Colorless liquid	Colorless liquid
Substances reducing MnO4	Pass	Pass



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager