

## Certificate of Analysis

Date of Testing: 2022-12-14 11:55:04  
Date of Next Testing: 2025-12-13 11:55:04  
Product Name: **Pyridine**  
CAS Number: 110-86-1  
Specifications & Purity:  $\geq 99.5\%$   
Lot #: L2207330  
SKU #: **P111511**  
**Analysis:** **165531**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.001 (%)	0.00000 %
Evaporation Residue	0-0.002 (%)	0.00000 %
Water by Karl Fischer	0-0.1 (%)	0.00920 %
Purity(GC)	99.5-100 (%)	99.90000 %
Chloride (Cl <sup>-</sup> )	0-0.0005 (%)	0.00000 %
Ammonia (NH <sub>3</sub> )	0-0.002 (%)	0.00000 %
Refractive index n <sub>20</sub> /D	1.508-1.512	1.51010
Appearance (P111511)	Colorless Liquid	Colorless liquid
Copper(Cu)	Pass	Pass
Miscibility with water	Pass	Pass
Potassium permanganate reducing substances	Pass	Pass



John Su  
QA & QC Manager