

## Certificate of Analysis

Date of Testing: 2024-03-28 09:35:06  
Date of Next Testing: 2028-03-27 09:35:06  
Product Name: **Pyridine**  
CAS Number: 110-86-1  
Specifications & Purity: ACS, ≥99.0%  
Lot #: C2412393  
SKU #: **P111516**  
**Analysis:** **337431**  
Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Density (20°C)	0.983-0.987	0.98
Refractive index n <sub>20</sub> /D	1.508-1.512	1.51
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.001 (%)	0.00 %
Copper(Cu)	0-5 (ppm)	0.00 ppm
Evaporation Residue	0-0.002 (%)	0.00 %
Water by Karl Fischer	0-0.1 (%)	0.01 %
Chloride Content	0-0.001 (%)	0.00 %
Ammonia (NH <sub>3</sub> )	0-0.002 (%)	0.00 %
Purity(GC)	99-100 (%)	99.78 %
Appearance (P111516)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility	pass	Pass
Substances reducing MnO <sub>4</sub>	Pass	Pass



John Su  
QA & QC Manager