

## Certificate of Analysis

Date of Testing: 2022-11-09 16:01:47  
Date of Next Testing: 2026-11-08 16:01:47  
Product Name: **Pyrrolidine**  
CAS Number: 123-75-1  
Specifications & Purity: 99%  
Lot #: K2204598  
SKU #: **P301661**  
Version: **0**  
Analysis #: **146870**  
Storage Temperature: Protected from light, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.76 %
Specific gravity (20/20°C)	0.859-0.863	0.86
Refractive index n <sub>20/D</sub>	1.441-1.444	1.44
Appearance (P301661)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager