

## Certificate of Analysis

Date of Testing: 2022-07-03 13:51:18  
Date of Next Testing: 2026-07-02 13:51:18  
Product Name: **Pyrrolidine**  
CAS Number: 123-75-1  
Specifications & Purity: 99%  
Lot #: F2230297  
SKU #: **P301661**  
**Analysis:** **108499**  
Storage Temperature: Protected from light,Argon charged,Desiccated

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.441-1.444	1.44
Purity(GC)	99-100 (%)	99.81 %
Specific gravity (20/20°C)	0.859-0.863	0.86
Appearance (P301661)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager