

Certificate of Analysis

Date of Testing: 2023-12-13 14:49:45

Date of Next Testing: 2027-12-12 14:49:45

Product Name: **Pyrrole**

CAS Number: 109-97-7

Specifications & Purity: 99%

Lot #: L2307418

SKU #: **P104879**

Analysis: **299256**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.54 %
Refractive index n ₂₀ /D	1.507-1.511	1.51
Density (20°C)	0.967-0.973	0.97
Appearance (P104879)	colorless to yellow to brown liquid	colorless to yellow to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager