

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-14 09:51:38

Date of Next Testing: 2027-12-13 09:51:38

Product Name: **Pyrrole**

CAS Number: 109-97-7

Specifications & Purity: $\geq 99\%$

Lot #: L2307419

SKU #: **P104879**

Version: **3**

Analysis #: **299256**

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

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.53900 %
Refractive index n ₂₀ /D	1.507-1.511	1.50980
Density (20°C)	0.967-0.973	0.97000
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