

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-06 10:16:30
 Date of Next Testing: 2027-09-05 10:16:30
 Product Name: **Pyrrole**
 CAS Number: 109-97-7
 Specifications & Purity: $\geq 99\%$
 Lot #: I2301166
 SKU #: **P104879**
 Version: **3**
 Analysis #: **244295**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.76900 %
Refractive index n ₂₀ /D	1.507-1.511	1.50950
Density (20°C)	0.967-0.973	0.96900
Appearance (P104879)	colorless to yellow to brown liquid	colorless to yellow to brown liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager