

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-17 11:11:07

Date of Next Testing: 2029-07-16 11:11:07

Product Name: **Pyrrole**

CAS Number: 109-97-7

Specifications & Purity:  $\geq 99\%$

Lot #: G2504309

SKU #: **P104879**

Version: **3**

Analysis #: **533264**

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

| Parameter                           | Limit Values                        | Result                              |
|-------------------------------------|-------------------------------------|-------------------------------------|
| Purity(GC)                          | 99-100 (%)                          | 99.73000 %                          |
| Refractive index n <sub>20</sub> /D | 1.507-1.511                         | 1.50950                             |
| 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