

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-22 15:42:24

Date of Next Testing: 2029-04-21 15:42:24

Product Name: **1-Butylimidazole**

CAS Number: 4316-42-1

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: D2518089

SKU #: **B152373**

Version: **0**

Analysis #: **029896**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Refractive index n <sub>20</sub> /D | 1.478-1.482                | 1.48070                    |
| Purity(GC)                          | 98-100 (%)                 | 98.17400 %                 |
| Appearance (B152373)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager