

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-17 09:26:41  
Date of Next Testing: 2029-02-16 09:26:41  
Product Name: **1-Butylimidazole**  
CAS Number: 4316-42-1  
Specifications & Purity:  $\geq 98\%$ (GC)  
Lot #: B2511068  
SKU #: **B152373**  
Version: **0**  
Analysis #: **029896**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20/D</sub>	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