

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-08-14 15:55:40

Date of Next Testing: 2025-08-13 15:55:40

Product Name: **1-Butylimidazole**

CAS Number: 4316-42-1

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

Lot #: H2110109

SKU #: **B152373**

Version: **0**

Analysis #: **029896**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager