

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-08 11:26:03

Date of Next Testing: 2028-03-07 11:26:03

Product Name: **N-Boc-1,4-butanediamine**

CAS Number: 68076-36-8

Specifications & Purity: $\geq 97\%$

Lot #: C2404140

SKU #: **B102317**

Version: **0**

Analysis #: **327484**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.457-1.46	1.45983
Purity	97-100 (%)	99.80800 %
Density (20°C)	0.984-0.988	0.98400
Purity(Nonaqueous Titration)	96.5-103.5 (%)	100.26000 %
Appearance (B102317Color)	Colorless to light yellow	Colorless to light yellow
Appearance (B102317Form)	Solid or Liquid	Solid or Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager