

Certificate of Analysis

Date of Testing: 2024-04-09 14:39:22

Date of Next Testing: 2028-04-08 14:39:22

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

CAS Number: 68076-36-8

Specifications & Purity: 97%

Lot #: C2430034

SKU #: **B102317**

Analysis: **343409**

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

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.457-1.46	1.46
Purity	97-100 (%)	99.89 %
Density (20°C)	0.984-0.988	0.98
Purity(Nonaqueous Titration)	96.5-103.5 (%)	100.30 %
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