

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-31 19:03:13
 Date of Next Testing: 2027-03-30 19:03:13
 Product Name: **N-(tert-Butoxycarbonyl)-1,5-diaminopentane**
 CAS Number: 51644-96-3
 Specifications & Purity: $\geq 98\%$ (T)
 Lot #: C23241242
 SKU #: **N159517**
 Version: **1**
 Analysis #: **185677**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	100.96000 %
Refractive index n _{20/D}	1.458-1.461	1.46030
Purity(GC)	96-100 (%)	96.00400 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(N159517)	Colorless to yellow clear liquid	Colorless to Yellow clear liquid



John Su
QA & QC Manager