

Certificate of Analysis

Date of Testing: 2023-03-31 18:54:42

Date of Next Testing: 2027-03-30 18:54:42

Product Name: **N-(tert-Butoxycarbonyl)-1,5-diaminopentane**

CAS Number: 51644-96-3

Specifications & Purity: >98.0%(T)

Lot #: C23241355

SKU # **N159517**

Analysis: **185677**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	100.96 %
Refractive index n _{20/D}	1.458-1.461	1.46
Purity(GC)	96-100 (%)	96.00 %
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