

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-10 19:11:17
 Date of Next Testing: 2028-12-09 19:11:17
 Product Name: **4-(Butylamino)-1-butanol**
 CAS Number: 4543-95-7
 Specifications & Purity: $\geq 99\%$ (GC)(T)
 Lot #: L2406175
 SKU #: **B151924**
 Version: **0**
 Analysis #: **441436**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.45-1.454	1.45261
Purity(GC)	99-100 (%)	99.21000 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.99600 %
Density (20°C)	0.887-0.891	0.88900
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager