

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-10 19:11:53

Date of Next Testing: 2028-12-09 19:11:53

Product Name: **4-(Butylamino)-1-butanol**

CAS Number: 4543-95-7

Specifications & Purity: $\geq 99\%$ (GC)(T)

Lot #: L2406176

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