

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-09 12:39:37

Date of Next Testing: 2027-02-08 12:39:37

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

CAS Number: 4543-95-7

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

Lot #: B2306139

SKU #: **B151924**

Version: **0**

Analysis #: **165996**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.45-1.454	1.45250
Purity(GC)	99-100 (%)	99.05900 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.90000 %
Density (20°C)	0.887-0.891	0.88800
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager