

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-27 14:52:47

Date of Next Testing: 2026-07-26 14:52:47

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

CAS Number: 4543-95-7

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

Lot #: G2226199

SKU #: **B151924**

Version: **0**

Analysis #: **108421**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.45-1.454	1.45210
Purity(GC)	99-100 (%)	99.23200 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.87000 %
Density (20°C)	0.887-0.891	0.88900
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager