

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-10 10:52:18

Date of Next Testing: 2027-02-09 10:52:18

Product Name: **N-Butyl-N-(4-hydroxybutyl)nitrosamine**

CAS Number: 3817-11-6

Specifications & Purity: $\geq 90\%$ (GC)

Lot #: B2304521

SKU #: **N159735**

Version: **0**

Analysis #: **180589**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.47-1.474	1.47220
Density (20°C)	1.006-1.014	1.01100
Purity(GC)	90-100 (%)	92.05200 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager