

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-05 17:28:06

Date of Next Testing: 2026-08-04 17:28:06

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

CAS Number: 3817-11-6

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

Lot #: G2229370

SKU #: **N159735**

Version: **0**

Analysis #: **115924**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.47-1.474	1.47150
Density (20°C)	1.006-1.014	1.00900
Purity(GC)	90-100 (%)	96.09100 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager