

Certificate of Analysis

Date of Testing: 2023-02-11 22:19:48

Date of Next Testing: 2027-02-10 22:19:48

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

CAS Number: 3817-11-6

Specifications & Purity: >90.0%(GC)

Lot #: B2304894

SKU #: **N159735**

Analysis: **180589**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.47-1.474	1.47
Density (20°C)	1.006-1.014	1.01
Purity(GC)	90-100 (%)	92.05 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager