

## Certificate of Analysis

Date of Testing: 2023-01-04 18:13:44  
Date of Next Testing: 2027-01-03 18:13:44  
Product Name: **1,2-Butylene Oxide**  
CAS Number: 106-88-7  
Specifications & Purity: >99.0%(GC)  
Lot #: A2303644  
SKU #: **B152236**  
**Analysis:** **162228**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.83-0.833	0.83
Refractive index n <sub>20</sub> /D	1.383-1.385	1.38
Purity(GC)	99-100 (%)	99.95 %
Appearance (B152236)	colorless to pale yellow liquid	colorless to pale yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager