

## Certificate of Analysis

Date of Testing: 2023-12-22 13:35:26  
Date of Next Testing: 2025-03-16 13:35:26  
Product Name: **4-Bromobenzaldehyde Diethyl Acetal**  
CAS Number: 34421-94-8  
Specifications & Purity: 97%  
Lot #: L2206450  
SKU #: **B120324**  
**Analysis:** **307874**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.277-1.282	1.28
Purity(GC)	97-100 (%)	99.57 %
Refractive index n <sub>20</sub> /D	1.51-1.515	1.51
Appearance (B120324)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager