

## Certificate of Analysis

Date of Testing: 2024-03-22 14:38:13  
Date of Next Testing: 2026-03-22 14:38:13  
Product Name: **4-Hydroxycyclohexanone ethylene acetal**  
CAS Number: 22428-87-1  
Specifications & Purity: 98%  
Lot #: E2006147  
SKU #: H135589  
Analysis: 327729

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(GC)          | 98-100 (%)            | 99.88 %               |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager