

## Certificate of Analysis

Date of Testing: 2024-08-29 16:53:03  
Date of Next Testing: 2027-08-29 16:53:03  
Product Name: **3,4-Difluorophenylglyoxal hydrate**  
CAS Number: 79784-34-2  
Specifications & Purity: 95%  
Lot #: H2421222  
SKU #: **D186674**  
Version: **3**  
Analysis #: **355247**

| Parameter                   | Limit Values                        | Result                              |
|-----------------------------|-------------------------------------|-------------------------------------|
| Purity(as dry basis) (HPLC) | 95-100 (%)                          | 99.88 %                             |
| Appearance(D186674)         | White to Pale orange to pink Powder | White to Pale orange to pink Powder |
| NMR Spectrum 1H             | Conforms to structure               | Conforms to Structure               |
| Fluorine NMR Spectrum       | Conforms to Structure               | Conforms to Structure               |



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QA & QC Manager