

## Certificate of Analysis

Date of Testing: 2025-04-10 15:53:42

Date of Next Testing: 2027-03-31 15:53:42

Product Name: **5-Hydroxymethyl-2-furaldehyde**

CAS Number: 67-47-0

Specifications & Purity: Moligand™, ≥95%(GC), containing 3-5% H2O as a stabilizer

Lot #: D2508460

SKU #: **H106322**

Version: **0**

Analysis #: **496753**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                   | Limit Values                                    | Result                                          |
|-------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Water by Karl Fischer                                       | 3-5 (%)                                         | 3.42 %                                          |
| Purity(GC)                                                  | 95-100 (%)                                      | 99.02 %                                         |
| Appearance (H106322)                                        | Colorless to Yellow to Brown<br>Liquid or Solid | Colorless to Yellow to Brown<br>Liquid or Solid |
| Infrared spectrum                                           | Conforms to Structure                           | Conforms to Structure                           |
| Solubility in 95% EtOH , Colorless to yellow-green 50 mg/ml | pass                                            | Pass                                            |



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