

## Certificate of Analysis

Date of Testing: 2024-07-23 09:36:37

Date of Next Testing: 2028-07-22 09:36:37

Product Name: **2-Deoxy-D-galactose**

CAS Number: 1949-89-9

Specifications & Purity: 98%

Lot #: G2415105

SKU #: **D107896**

Version: **1**

Analysis #: **377878**

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

| Parameter                                                             | Limit Values                          | Result                                |
|-----------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Melting point                                                         | 106-114 (°C)                          | 110.88000 °C                          |
| Purity(HPLC)                                                          | 98-100 (%)                            | 99.16800 %                            |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O in 5h) | 55-62 (°)                             | 55.85°                                |
| Appearance (D107896)                                                  | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| LC-MS for identification                                              | Conforms                              | Conforms                              |



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