

## Certificate of Analysis

Date of Testing: 2022-03-24 17:23:03

Date of Next Testing: 2026-03-23 17:23:03

Product Name: **meso-Erythritol**

CAS Number: 149-32-6

Specifications & Purity: 99%

Lot #: C2222385

SKU #: **E105712**

**Analysis:** **075001**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                           | Limit Values             | Result                   |
|---------------------------------------------------------------------|--------------------------|--------------------------|
| Water by Karl Fischer                                               | 0-3 (%)                  | 0.29 %                   |
| Purity(Iodometric Titration)                                        | 98.5-101.5 (%)           | 98.98 %                  |
| Melting point                                                       | 120-122 (°C)             | 121.96000 °C             |
| Purity(HPLC)                                                        | 98-100 (%)               | 99.76000 %               |
| Appearance (E105712)                                                | White Powder or Crystals | White Powder or Crystals |
| <sup>13</sup> C NMR Spectrum                                        | Conforms to Structure    | Conforms to Structure    |
| Solubility in H <sub>2</sub> O                                      | Almost transparency      | almost transparency      |
| Solubility in H <sub>2</sub> O , clear colorless ,50 mg/ml in water | pass                     | Pass                     |
| Proton NMR spectrum                                                 | Conforms to Structure    | Conforms to Structure    |



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