

# Certificate of Analysis

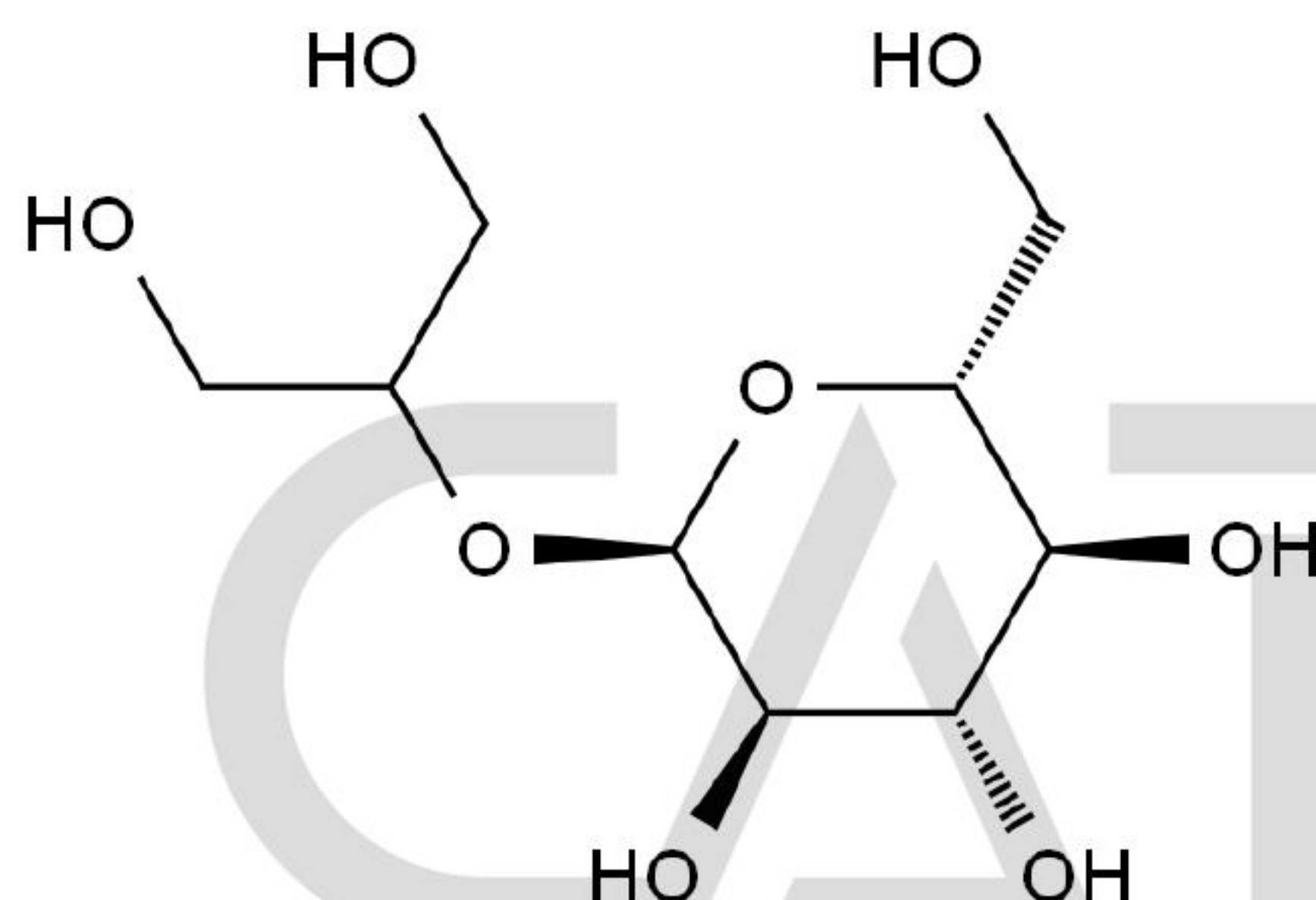
## Reference Material & Standard

|                    |                                               |                     |                                           |
|--------------------|-----------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | 2-O-alpha-D-Glucosylglycerol                  | Catalogue Number:   | CP128046                                  |
| Synonyms:          | N/A                                           | Lot Number:         | 0629-RH-0055                              |
| CAS Number:        | 22160-26-5                                    | Expiry Date:        | Jul 01, 2030                              |
| Molecular Formula: | C <sub>9</sub> H <sub>18</sub> O <sub>8</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 254.24                                        | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | LCMS&HNMR         | Confirmed         |
| Purity         | ELSD              | 100.000%          |
| Loss on Drying | TGA               | 10.4264%          |
| Assay          |                   | 89.6%             |

## Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) \* Purity ELSD (%) / 100%

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jul 08, 2026

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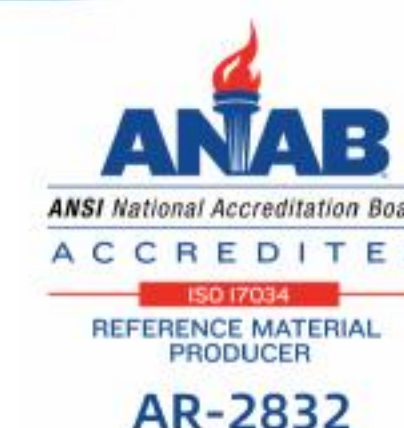
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Page 1 of 6



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