

**n-Decyl- $\beta$ -D-Glucoside**  
**BIOMOL Prod. - No. 51458**

**Lot - No.:**

**CAS - No.:** 58846-77-8

**Formula:** C<sub>16</sub>H<sub>32</sub>O<sub>6</sub>

**Molecular Weight:** 320.4

**Storage:** -20 °C

**Purity (HPLC)** ≥ 99 %

**Percent alpha:** < 2 (HPLC)

**Percent decanol:** < 0.005 (HPLC)

**CMC (H<sub>2</sub>O):** approx. 2.2 mM (0.070%)

**CMC (0.01M PO<sub>4</sub> buffer):** approx. 2-3 mM

**Solubility in water:** ≥ 0.1% (at 20°C)

**pH (0.03 % solution)** 5-8

**Conductance:** < 20  $\mu$ S (0.1 % solution)

**Fluorescence:** Percent fluorescence due to a 0.1% detergent solution at 345 nm < 10

**Absorbance:** 0.1% detergent solution

340 nm: < 0.02

280 nm: < 0.04

260 nm: < 0.06

225 nm: < 0.1

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