

DATA SHEET

Version: 2
Revision date: 22/03/23

1. Identification

Product name	S.O.C. Medium
	25 mL
Cat. No	MC002

2. Description

S.O.C. Medium is used in the final step of bacterial cell transformation to obtain maximal transformation efficiency of E. coli.

3. Composition

1X SOC:

Medium 2%; Tryptone; 0.5% Yeast Extract; 10 mM NaCl; 2.5 mM KCl; 10 mM MgCl₂; 10 mM MgSO₄; 20 mM Glucose

4. Quality Control

SOC Medium is tested for sterility and optimal outgrowth of freshly transformed chemically competent and electrocompetent E.coli.

5. Shipping and Storage specifications

- **Shipped in:** Dry Ice.
- **Storage:** for up to 24 months at -20 °C, or up to 12 months at 2-8 °C.

6. Applications

- Used primarily in the recovery step of E.coli competent cell transformations.

7. Further information

Product Use Limitation This product is developed, designed and sold exclusively only for research purposes use. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

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