Preparation: pUC19 is isolated from *E. coli* ER2272 (dam⁺ dcm⁺ EcoK M⁻) by a standard plasmid purification procedure.

Reference:

**DNA Gyrase (E. coli) Substrate**

N0471S

20 µg Lot: 0031410 Exp: 10/16
1,000 µg/ml Store at –20°C

Description: pUC19 relaxed covalently closed circular DNA produced by incubating supercoiled RF I pUC19 DNA with Topoisomerase I (*E. coli*). pUC19 is a commonly used plasmid cloning vector in *E. coli*. The molecule is a small double-stranded circle, 2686 base pairs in length, and has a high copy number.

Supplied in: 10 mM Tris-HCl (pH 8.0), 1 mM EDTA.

Preparation: pUC19 is isolated from *E. coli* ER2272 (dam⁺ dcm⁺ EcoK M⁻) by a standard plasmid purification procedure.

Reference: