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

Reference:

**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.