New England Biolabs
Product Specification

**Product Name:** SOC Outgrowth Medium
**Catalog #:** B9020S
**Concentration:** 1X Concentrate
**Shelf Life:** 24 months
**Storage Temp:** 4°C
**Composition (1X):**
- 10 mM NaCl, 2.5 mM KCl, 10 mM MgCl$_2$, 10 mM MgSO$_4$, 20 mM Glucose, 2 % Vegetable Peptone, 0.5 % Yeast Extract

**Specification Version:** PS-B9020S v2.0
**Effective Date:** 11 Jul 2018

<table>
<thead>
<tr>
<th>Assay Name/Specification (minimum release criteria)</th>
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<tbody>
<tr>
<td><strong>Bioburden (Outgrowth Medium)</strong> - Bottled SOC Outgrowth Medium is incubated at 37°C for 2 days and inspected for turbidity resulting in no visible microbial growth.</td>
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<td><strong>Transformation Efficiency (Outgrowth Medium)</strong> - SOC Outgrowth Medium was tested using a standard transformation protocol resulting in 80-120% of the transformation efficiency compared to a control.</td>
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**Derek Robinson**
Director of Quality Control

Date 11 Jul 2018