

Certificate of Analysis

Novex® 4-20% TBE Gel

Product No. EC622
Lot No. 20072090
Date of Manufacture 20Jul2020
Expiration Date 28Sep2020

This certificate of analysis applies to the following catalog numbers:

<u>Catalog No.</u>	<u>Description</u>	<u>Pack Size</u>
EC6225BOX	1.0mm 10-well	10 gels/box
EC62252BOX	1.0mm 12-well	10 gels/box
EC62255BOX	1.0mm 15-well	10 gels/box

Testing Conditions

Gels were run using Novex® TBE Running Buffer and DNA markers. The gels were electrophoresed at 200V until the dye front reached the bottom of the gel.

Migration

2652 bp fragment migrated to 0.220 ± 0.050 Rf, 400 bp fragment to 0.560 ± 0.050 Rf, and 50 bp fragment to 0.825 ± 0.050 Rf.

Straightness

Across the gel, the migration of a given DNA fragment did not vary more than 3% of the length of the gel.

Curvature

In the two outermost lanes, the migration of a given DNA fragment did not vary more than 2% of the length of the gel.

Appearance

Gels run were free of swirls, bubbles, and debris. Bands were sharp and flat. There was no DNA degradation.

Overall Result

Meets Specification

For Research Use Only. Not for use in diagnostic procedures. If you have any further questions about this Certificate of Analysis, please contact Technical Services at 1-800-955-6288 (US and Canada) or 1-760-603-7200, x2 (all other countries).

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