

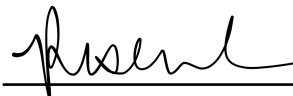
New England Biolabs Certificate of Analysis

Product Name: RNA Loading Dye, (2X)
Catalog #: B0363S
Concentration: 2X Concentrate
Lot #: 0131710
Assay Date: 10/2017
Expiration Date: 10/2019
Storage Temp: -20°C
Composition (1X): 47.5% Formamide, 0.01% SDS, 0.01 % Bromophenol Blue, 0.005% Xylene Cyanol, 0.5 mM EDTA
Specification Version: PS-B0363S v1.0
Effective Date: 23 May 2018

Assay Name/Specification (minimum release criteria)	Lot #0131710
Endonuclease Activity (Nicking, Buffer) - A 50 µl reaction in 1X RNA Loading Dye, (2X) containing 1 µg of supercoiled PhiX174 DNA incubated for 4 hours at 37°C results in <10% conversion to the nicked form as determined by agarose gel electrophoresis.	Pass
RNase Activity (Buffer) - A 10 µl reaction in 1X RNA Loading Dye, (2X) containing 40 ng of a 300 base single-stranded RNA is incubated at 37°C. After incubation for 16 hours, >90% of the substrate RNA remains intact as determined by gel electrophoresis.	Pass



Authorized by
Derek Robinson
23 May 2018



Inspected by
Priscilla Hong
22 Sep 2017

