

New England Biolabs Certificate of Analysis

Product Name: RNA Loading Dye (2x)
Catalog Number: B0363S
Concentration: 2 X Concentrate
Packaging Lot Number: 10080139
Expiration Date: 03/2022
Storage Temperature: -20°C
Specification Version: PS-B0363S v1.0
Composition (1X): 47.5% Formamide, 0.01% SDS, 0.01 % Bromophenol Blue, 0.005% Xylene Cyanol, 0.5 mM EDTA

RNA Loading Dye (2x) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
B0363AVIAL	RNA Loading Dye, (2X)	10069540	Pass

Assay Name/Specification	Lot # 10080139
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

This product has been tested and shown to be in compliance with all specifications.

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Production Scientist
14 Aug 2020



Michael Tonello
Packaging Quality Control Inspector
14 Aug 2020