

New England Biolabs Certificate of Analysis

Product Name: RNA Loading Dye (2x)
Catalog Number: B0363S
Concentration: 2 X Concentrate
Packaging Lot Number: 10071532
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 # 10071532
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.



Bhairavi Jani
Production Scientist
25 Jun 2020



Michael Tonello
Packaging Quality Control Inspector
25 Jun 2020