

## New England Biolabs Certificate of Analysis

**Product Name:** dsRNA Ladder  
**Catalog Number:** N0363S  
**Concentration:** 500 µg/ml  
**Unit Definition:** N/A  
**Lot Number:** 10042539  
**Expiration Date:** 05/2021  
**Storage Temperature:** -20°C  
**Storage Conditions:** 10 mM Tris-HCl, 1 mM EDTA, (pH 8.0 @ 25°C)  
**Specification Version:** PS-N0363S v1.0

dsRNA Ladder Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N0363SVIAL	dsRNA Ladder	10042538	Pass

Assay Name/Specification	Lot # 10042539
<b>A260/A280 Assay</b> The ratio of UV absorption of dsRNA Ladder at 260 and 280 nm is between 1.9 and 2.3.	Pass
<b>Electrophoretic Pattern (Marker)</b> The banding pattern of dsRNA Ladder on both a 6% polyacrylamide gel and a 2% agarose-TBE gel shows discrete, clearly identifiable bands at each fragment of the marker, when stained with Ethidium Bromide at a concentration of 0.5 µg/ml.	Pass
<b>RNA Concentration (A260)</b> The concentration of dsRNA Ladder is between 500 and 550 µg/ml as determined by UV absorption at 260 nm.	Pass

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



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Bhairavi Jani  
Production Scientist  
13 May 2019



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Michael Tonello  
Packaging Quality Control Inspector  
13 May 2019