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## New England Biolabs Product Specification

*Product Name:* Monarch<sup>®</sup> RNA Lysis Buffer  
*Catalog #:* T2012L  
*Shelf Life:* 24 months  
*Storage Temp:* 25°C  
*Composition:* Proprietary  
*Specification Version:* PS-T2012L v2.0  
*Effective Date:* 23 Mar 2021

Assay Name/Specification (minimum release criteria)
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<b>Functional Testing (RNA Yield and Integrity Analysis)</b> - Total RNA is purified from 8 individual aliquots of HeLa cells ( $10^6$ cells/aliquot). Yield of RNA is $>5 \mu\text{g}$ in $\geq 75\%$ of the samples. OD 260/280 and 260/230 are $\geq 1.75$ in $\geq 80\%$ of the samples as well as RIN values $\geq 8$ in $\geq 80\%$ of the samples.
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Date 23 Mar 2021

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