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## Certificate of Analysis

Product Name:

MYSTICQ SYBR GREEN READYMIX

**Product Number:****MIRRM00****Lot Number:****14914**

Brand:

SIGMA

Storage Temperature:

Store at -20 °C

Quality Release Date:

17 JAN 2012

Test	Specification	Result
Functional Assay (qPCR) Kinetic analysis must demonstrate linear resolution over six orders of dynamic range of a control DNA ( $r^2 > 0.995$ ) and a PCR efficiency $> 90\%$	Pass	Pass
DNAse, Exonuclease Detection No detectable DNAse as assayed using a fluorogenic substrate. Normalized fluorescent signal following a 1 hour incubation with 1X ReadyMix at 37°C must be less than 3 times that of negative control levels.	Pass	Pass
RNAse Detection No detectable RNAse as assayed using a fluorogenic substrate. Normalized fluorescent signal following a 1 hour incubation with 1X ReadyMix at 37°C must be less than 3 times that of negative control levels.	Pass	Pass



Carrie Cupp, Supervisor

Quality Control

St. Louis, Missouri US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.