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Product Specification

Product Name:
MISSION® siRNA Transfection Reagent

Product Number: **S1452**

Storage Temperature: 2 - 8 °C

TEST	Specification
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Appearance	Conforms
Clear Colorless Liquid	
Miscellaneous Assay	Conforms
Endogenous gene silencing* Efficiency with 1nM siRNA in serum	
> 80%	
*Gene silencing assay: An A549 cell line stably expressing firefly luciferase was transfected in 24-well plates with 8.4ng of 21-mer Luciferase siRNA using 2ul of the MISSION siRNA Transfection Reagent. Experiments were performed in triplicate in presence of serum. Cell lysates were assessed for luciferase expression 48 hours post-transfection.	

Specification: PRD.0.ZQ5.10000066940

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.