

## Certificate of Analysis

**Product Description:** MS2 Bacteriophage – Low  
**Catalog Number:** 0810066  
**Target Titer:**  $1.0 \times 10^9$  pfu/ml<sup>1</sup>  
**Volume:** 1.0 mL  
**Lot Number:** 330591  
**Expiration Date:** 2024-12-07  
**Storage Temperature:** -20°C or below  
**Safety Precautions:** Use Universal Precautions.

**PRODUCT FORMAT:** MS2 bacteriophage was propagated in its host, *Escherichia coli*, and frozen in SM buffer. The preparation may contain nucleic acids from the host strain.

Test	Specification	Result
<b>Plaque Assay:</b> Plaque Forming Unit per mL (PFU/mL).	$6 \times 10^8 - 1.4 \times 10^9$ PFU/mL	Pass

<sup>1</sup>The copy number of the MS2 genome will vary from preparation to preparation. This variation results from incomplete bacteriophage coat assembly, incorrectly assembled bacteriophage, and/or free floating nucleic acids.

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.**

**Statement of Conformance:**

The results reported in this Certificate of Analysis comply with the requirements of ZeptoMetrix's Quality Management System and specifications described in the Master Production Record.